

HCD-GR3/RX30

SERVICE MANUAL





US Model
Canadian Model
AEP Model
UK Model
HCD-RX30
E Model
Australian Model
HCD-GR3

HCD-GR3/RX30 is the tuner, deck, CD and amplifier section in MHC-GR3/RX30.

Photo: HCD-RX30

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CD SECTION	Model Name Using Similar Mechanism	HCD-H991AV
	CD Mechanism Type	CDM38-5BD19FK
	Base Unit Type	BU-5BD19
	Optical Pick-up Type	KSS-213B/K-N
TAPE DECK SECTION	Model Name Using Similar Mechanism	HCD-D270/G3100/N255
	Tape Transport Mechanism Type	TCM-YSW47C24

SPECIFICATIONS

For the U.S. model AUDIO POWER SPECIFICATIONS POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads, both channels driven, from 70 – 20 kHz; rated 50 watts per channel minimum RMS power, with no more than 0.9 % total harmonic distortion.

CD player section

System Compact disc and digital audio system
Laser Semiconductor laser
Laser output Max. 44.6μ W*
* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.

Wavelength 780 – 790 nm

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range 87.5 – 108.0 MHz
Antenna FM lead antenna
Antenna terminals 75 ohm unbalanced
Intermediate frequency 10.7 MHz

AM tuner section

Tuning range

US, Canadian models:

AM: 531 – 1,710 kHz (with the tuning interval set at 9 kHz)
530 – 1,710 kHz
(with the tuning interval set at 10 kHz)

German models:

AM: 531 – 1,602 kHz (with the interval set at 9 kHz)

AEP, UK, East European models:

MW: 531 – 1,602 kHz (with the interval set at 9 kHz)
LW: 153 – 279 kHz (with the interval set at 3 kHz)

Other models:

AM: 531 – 1,602 kHz (with the tuning interval set at 9 kHz)
530 – 1,710 kHz (with the tuning interval set at 10 kHz)

Antenna AM loop antenna,
External antenna terminals
Intermediate frequency 450 kHz

Amplifier section

US, Canadian models:

Continuous RMS power output
60W+60W (6 ohms at 1 kHz, 5% THD)

— Continued on next page —

COMPACT DISC DECK RECEIVER



SONY®

AEP, UK, German, East European models:

DIN power output

40W+40W (6 ohms at
1 kHz, DIN)

Continuous RMS power output

50W+50W (6 ohms at
1 kHz, 10% THD)

Music power output

85W+85W (6 ohms at
1 kHz, 10% THD)

Other models:

Peak music power output

800W

Continuous RMS power output

50W+50W (6 ohms at
1 kHz, 10% THD)

Inputs

VIDEO (phono jacks):
voltage 250 mV,
impedance 47 kilohms

Outputs

PHONES (stereo phone jack):
accepts headphones of
8 ohms or more.

SPEAKER: accepts impedance of 6 to
16 ohms.

SUPER WOOFER:

Voltage 1V, impedance
1 kilo ohms.

Tape player section

Recording system

4-track 2-channel stereo

Frequency response

(DOLBY NR OFF)
40 – 13,000 Hz (± 3 dB),
using Sony TYPE I cassette
40 – 14,000 Hz (± 3 dB),
using Sony TYPE II cassette

Wow and flutter

$\pm 0.15\%$ W. Peak (IEC)
0.1% W. RMS (NAB)
 $\pm 0.2\%$ W. Peak (DIN)

General

Power requirements

US, Canadian, Mexican models:
120V AC, 60 Hz

AEP, UK, German, East European models:
220 – 230V AC, 50/60 Hz

South Africa model:

220 – 240V AC, 50/60 Hz

Australian model:

240V AC, 50/60 Hz

Other models:

110 – 120V or 220 – 240V
AC, 50/60 Hz

Adjustable with the voltage
selector

Power consumption

US model: 105W

Canadian model: 115 W

Other models: 95W

Dimensions

Approx. 280 x 330 x 360 mm
(11 1/8 x 13 x 14 1/4 in)
(w/h/d) incl.

Mass

projecting parts and controls
Approx. 7 kg (15 lb 7 oz)

Design and specifications are subject to change
without notice.

CAUTION

Use of controls or adjustments or performance of procedures
other than those specified herein may result in hazardous ra-
diation exposure.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be
damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of soldering iron around 270°C
during repairing.
- Do not touch the soldering iron on the same conductor of the
circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering
or unsoldering.

Laser component in this product is capable of emitting radiation
exceeding the limit for Class 1.

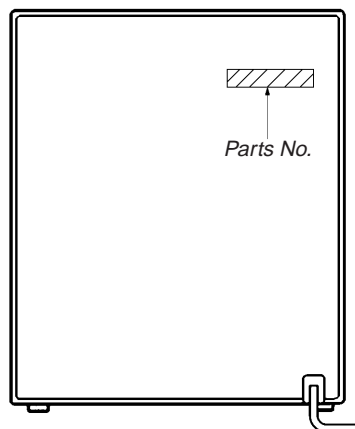
CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

This appliance is classified as
a CLASS 1 LASER product.
The CLASS 1 LASER PROD-
UCT MARKING is located on
the rear exterior.

This caution
label is located
inside the unit.

CAUTION ; INVISIBLE LASER RADIATION WHEN OPEN.
AVOID EXPOSURE TO BEAM.
ADVARSEL ; USYNLIG LASERSTRÅLING VED ÅBNING NÅR
SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION.
UNDGÅ UDSÆTTELSE FOR STRÅLING.
VARO! ; AVATTAESSA JA SUOJALUKITUS OHITETTAESSA
DLET ALTTIINA LASERSÄTELYLLE.
VARNING ; LASERSTRÅLING NÅR DENNA DEL ÄR ÖPPNAD
OCH SPÄRREN ÄR URÖPPPLAD.
ADVARSEL ; USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES
UNNGÅ EKSPONERING FOR STRÅLEN.

MODEL IDENTIFICATION — BACK PANEL —



- Abbreviation
CND : Canadian model
G : German model
AUS : Australian model
AR : Argentine model
SAF : South African model
MX : Mexican model
EE : East European model

MODEL	PARTS No.
GR3 : E model	4-988-804-0 <input type="checkbox"/>
GR3 : AUS model	4-988-804-1 <input type="checkbox"/>
GR3 : MX model	4-988-804-2 <input type="checkbox"/>
GR3 : AR model	4-988-804-3 <input type="checkbox"/>
GR3 : SAF model	4-988-804-4 <input type="checkbox"/>
RX30 : US model	4-988-810-0 <input type="checkbox"/>
RX30 : CND model	4-988-810-1 <input type="checkbox"/>
RX30 : AEP model	4-988-811-0 <input type="checkbox"/>
RX30 : G model	4-988-811-1 <input type="checkbox"/>
RX30 : UK model	4-988-811-2 <input type="checkbox"/>
RX30 : EE model	4-988-811-3 <input type="checkbox"/>

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:
Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth Ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

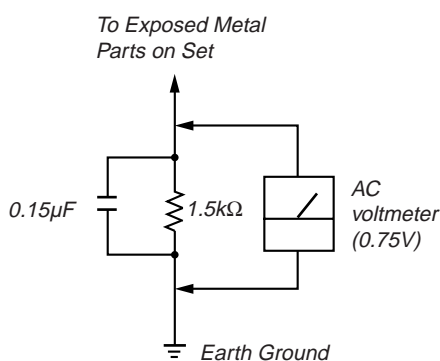


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

TABLE OF CONTENTS

1. SERVICING NOTE	4
2. GENERAL	5
3. DISASSEMBLY	
3-1. Loading Panel	7
3-2. Front Panel	7
3-3. TC Mechanism Deck	8
3-4. CD SW Board , Panel Board	8
3-5. Disc Tray	9
4. MECHANICAL ADJUSTMENTS	10
5. ELECTRICAL ADJUSTMENTS	10
6. DIAGRAMS	
6-1. Circuit Boards Location	16
6-2. Block Diagrams	
• Tuner Section	17
• Deck Section	19
• CD Section	21
• Main Section	23
6-3. Printed Wiring Board —Tuner Section —	25
6-4. Schematic Diagram — Tuner Section —	26
6-5. Printed Wiring Board — Main Section —	28
6-6. Schematic Diagram — Main Section —	31
6-7. Schematic Diagram — Deck Section —	36
6-8. Printed Wiring Board — CD Motor Section —	39
6-9. Schematic Diagram — CD Motor Section —	40
6-10. Schematic Diagram — CD Section —	42
6-11. Printed Wiring Board — CD Section —	45
6-12. Printed Wiring Board — Panel Section —	47
6-13. Schematic Diagram — Panel Section —	49
6-14. IC Pin Functions	51
6-15. IC Block Diagrams	55
7. EXPLODED VIEWS	
7-1. Case Section	59
7-2. Front Panel Section 1	60
7-3. Front Panel Section 2	61
7-4. Back Panel Section	62
7-5. CD Mechanism Section 1 (CDM38-5BD19)	63
7-6. CD Mechanism Section 2 (CDM38-5BD19)	64
7-7. Base Unit Section (BU-5BD19)	65
7-8. TC Mechanism Section 1 (TCM-YSW47C24)	66
7-9. TC Mechanism Section 2 (TCM-YSW47C24)	67
7-10. TC Mechanism Section 3 (TCM-YSW47C24)	68
8. ELECTRICAL PARTS LIST	69

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE \triangle SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

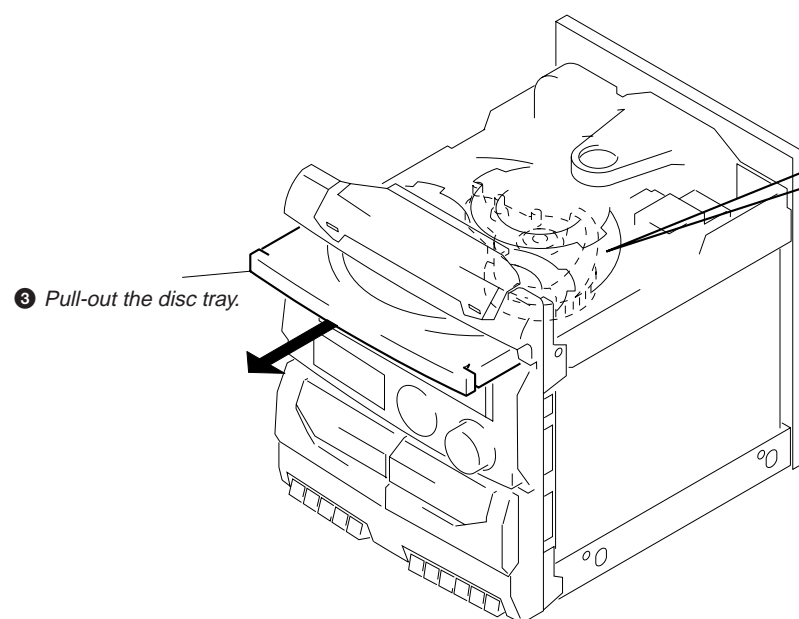
SECTION 1 SERVICING NOTE

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

HOW TO OPEN THE DISC TRAY WHEN POWER SWITCH TURNS OFF

- 1 Remove the Case.



NOTES ON LASER DIODE EMISSION CHECK

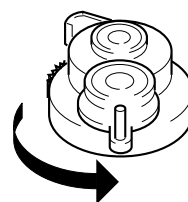
The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

LASER DIODE AND FOCUS SEARCH OPERATION CHECK

Carry out the "S curve check" in "CD section adjustment" and check that the S curve waveform is output three times.

Switching the channel step 9 KHz/10 KHz

Press **ENTER/NEXT** button and **POWER** button simultaneously to switch the AM channel step 9 KHz and 10 KHz. Be sure not to change with carelessness.



FL Display Tube, LED All Lit and Key Check mode

When the **TUNER/BAND**, **DISPLAY**, and **MENU 2** buttons are pressed simultaneously, the FL display tube and LEDs will all light up. Press any button to enter the key check mode.

When the key check mode is entered, the FL display tube displays "KEY 1 0 0". Each time a button is pressed, the counter increases in the following order, KEY 2 → KEY 3 → KEY 4.

If buttons already pressed once are pressed again, the counter will not increase. When the **VOLUME** knob is rotated in the + direction, the count increases in the following order.

00 → 01 → 02.

When rotated in the - direction, it decreases in the following order.

00 → 09 → 08.

To exit from the test mode, press the **TUNER/BAND**, **DISPLAY**, **MENU 2** buttons simultaneously again.

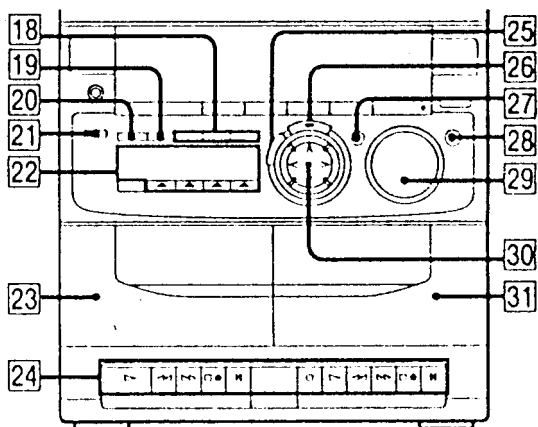
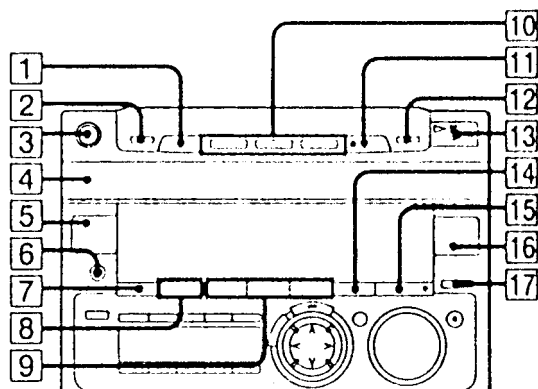
How to reset all

Pressing the **TUNER/BAND**, **DISPLAY** and **MENU 3** buttons simultaneously, all are reset and returned to as when the was shipped.

Index to Parts and Controls

Refer to the pages indicated in parentheses for details on how to use the controls. Controls with an asterisk have indicators on themselves.

Front Panel



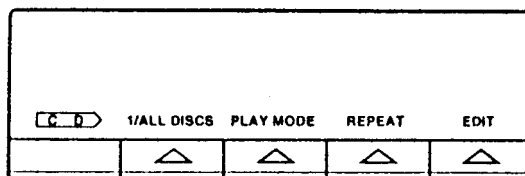
- 1 DISC SKIP EX-CHANGE button* (7)
- 2 LOOP button (11)
- 3 POWER button (7)
- 4 Disc tray (7)
- 5 TIMER button (21)
- 6 PHONES jack (19)
- 7 DISPLAY button (5)
- 8 SURROUND button (19)
- 9 MENU 1 - 3 buttons (19)
- 10 DISC 1 - 3 buttons* (7)
- 11 OPEN/CLOSE button (7)
- 12 □ (stop) button (7)
- 13 ▷|| (play/pause) button* (7)
- 14 P FILE button (20)

- 15 EFFECT ON/OFF button* (19)
- 16 TUNER/BAND button (12)
- 17 FUNCTION button (7)
- 18 CLIP A - C buttons (10)
- 19 CLIP ERASE button (10)
- 20 CLIP PLAY button (10)
- 21 DOLBY NR button (14)
- 22 MULTI FUNCTION CONTROL buttons (27)
- 23 Deck A (14)
- 24 Tape operating buttons
 - ▷ (play) button (14)
 - ◀◀ (rewind) button (14)
 - ▶▶ (fast forward) button (14)
 - ▲ (stop/eject) button (14)
 - || (pause) button (14)
 - (rec) button (15) (for deck B only)
- 25 EQ EDIT button (20)
- 26 ENTER/NEXT button* (9)
- 27 DBFB button (19)
- 28 GROOVE button* (19)
- 29 VOLUME button (19)
- 30 MULTI CONTROLLER (7)
- 31 Deck B (14)

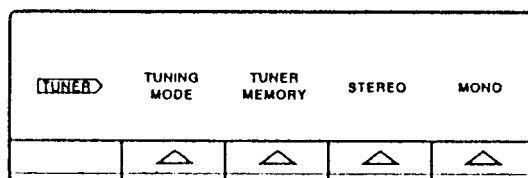
MULTI FUNCTION CONTROL buttons

The button you can operate the CD player, tuner and the tape player light up.

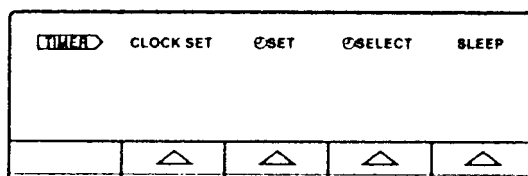
CD player



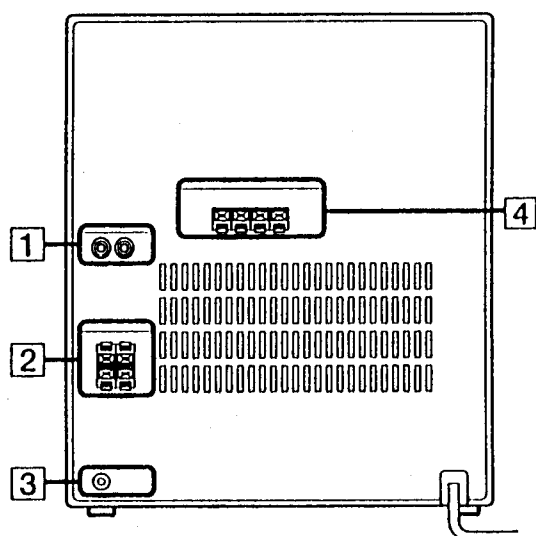
Tuner



Timer

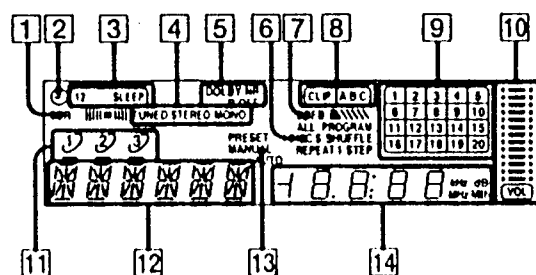


Rear panel



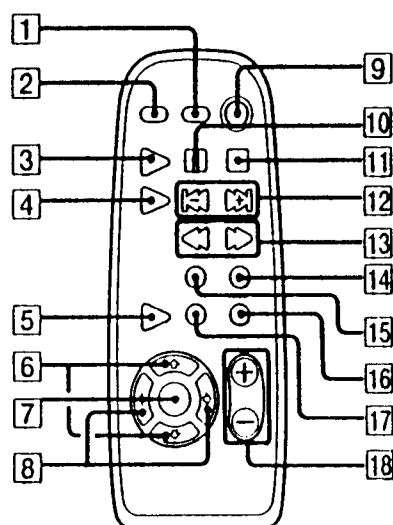
- 1 VIDEO in jacks (22)
- 2 SPEAKER jacks (4)
- 3 SUPER WOOFER jack (23)
(GR3/RX30 : US, Canadian model)
- 4 ANTENNA terminals (4)

Display Window



- 1 SUR indicator (19)
- 2 Ⓢ indicator (20)
- 3 Timer indicators (21)
- 4 Tuning indicators (12)
- 5 DOLBY NR indicator (14)
- 6 CD playback indicators (8)
- 7 DBFB indicator (19)
- 8 CLIP indicators (10)
- 9 Music calendar (7)
- 10 VOLUME indicators
- 11 Disc tray indicator
- 12 Multi display
- 13 Tuner indicators (12)
- 14 Radio frequency/playing time/sound
frequency level indications

Remote



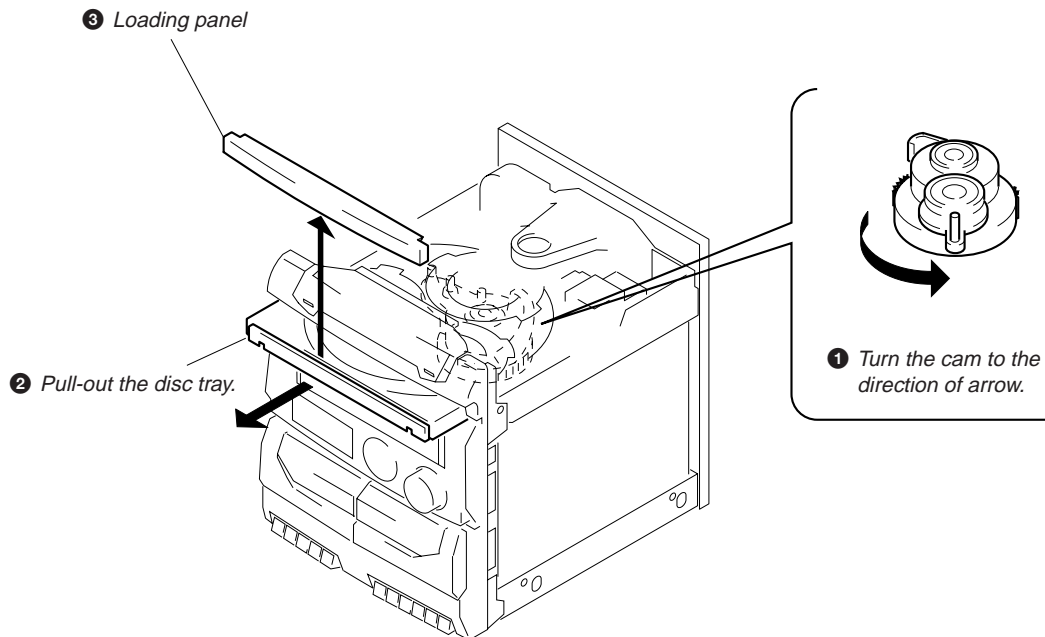
- 1 SLEEP button (21)
- 2 LOOP button (11)
- 3 CD button (7)
- 4 TUNER/BAND button (12)
- 5 FUNCTION button (7)
- 6 Ⓢ / Ⓢ buttons (19, 20)
- 7 MUSIC MENU ON/OFF button (19)
- 8 Ⓢ / Ⓢ buttons (19, 20)
- 9 POWER switch (7)
- 10 ⏸ (pause) button (7)
- 11 ⏹ (stop) button (7)
- 12 ⏮ / ⏭ AMS* buttons (7)
- 13 ⏮ / ⏭ (rewind/fast forward) buttons
(7)
- 14 EDIT button (15)
- 15 CHECK button (9)
- 16 DISC SKIP button
- 17 CLEAR button (9)
- 18 VOL. (+/-) button (19)

* AMS=Auto Music Sensor

SECTION 3 DISASSEMBLY

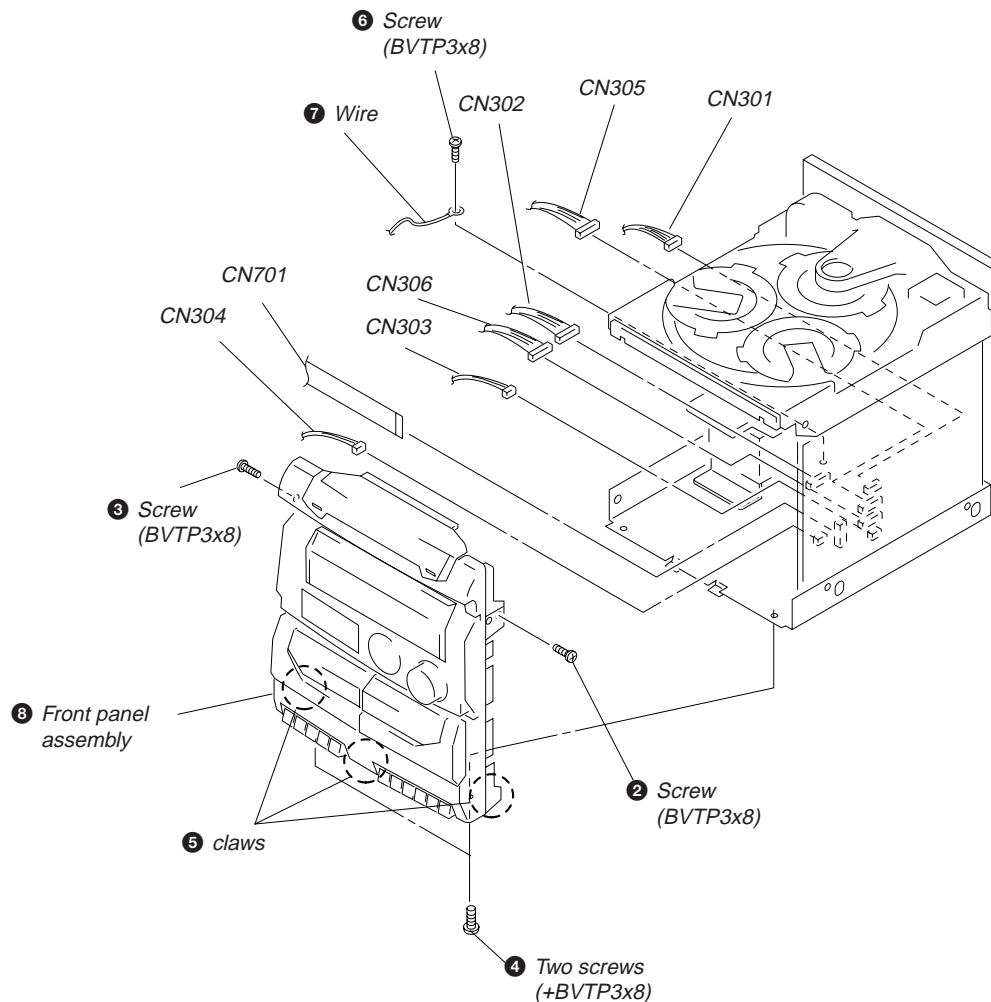
Note: Follow the disassembly procedure in the numerical order given.

3-1. LOADING PANEL



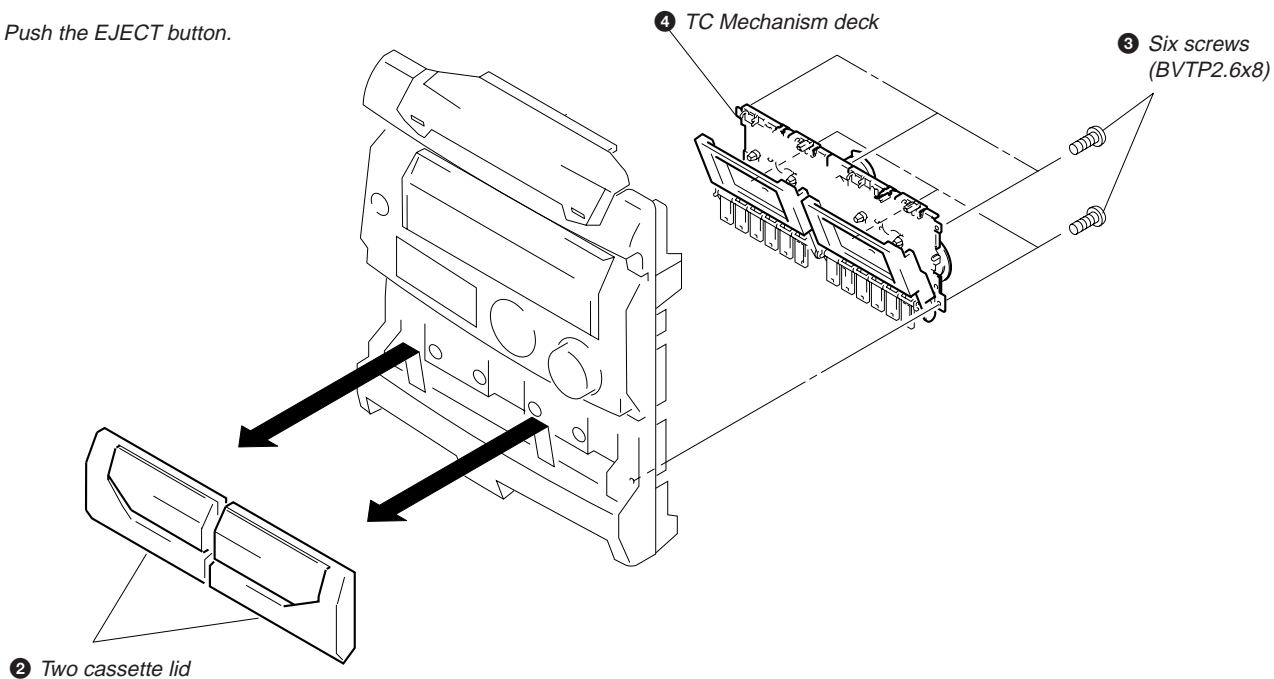
3-2. FRONT PANEL

- ① Remove the connectors.
(Main board: CN301, CN302, CN303, CN304, CN305, CN306, CN701)

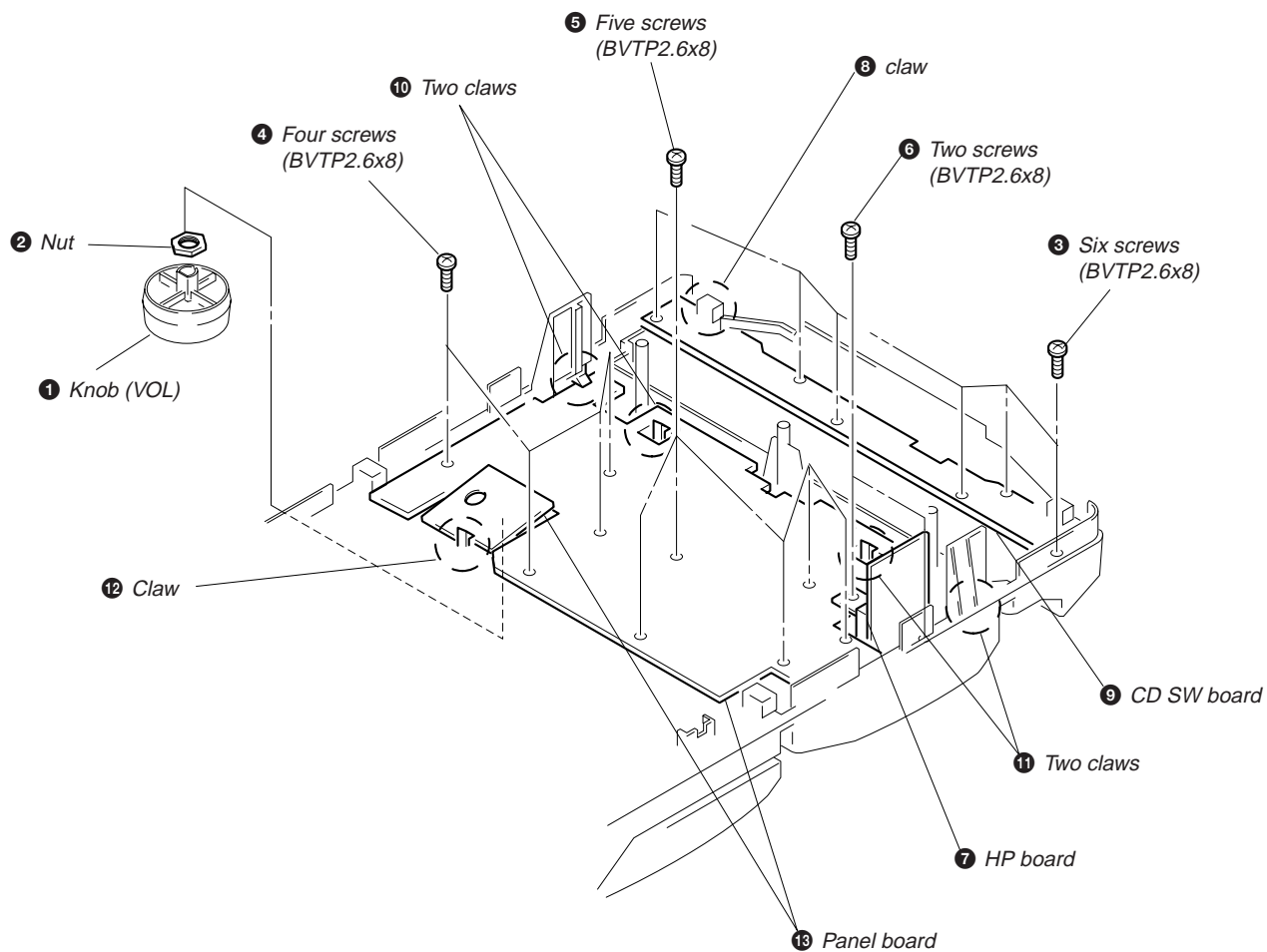


3-3. TC MECHANISM DECK

❶ Push the EJECT button.

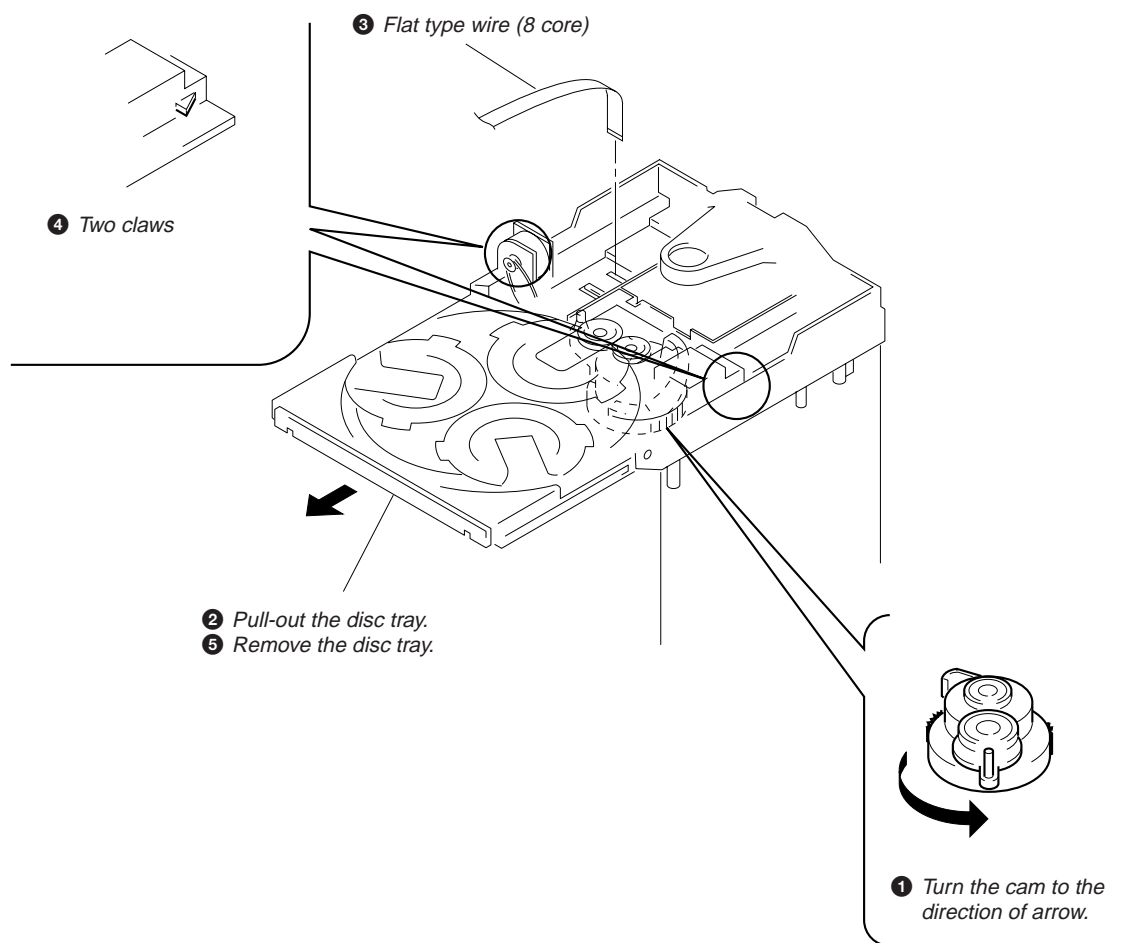


3-4. CD SW BOARD AND PANEL BOARD

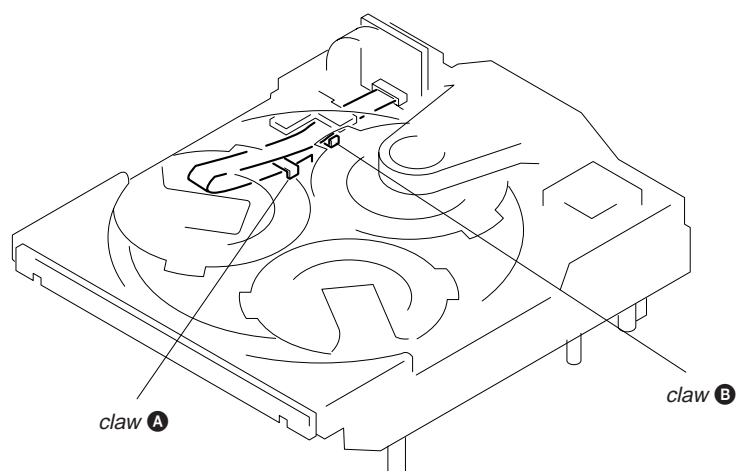


3-5. DISC TRAY

(Perform after removing the front panel.)



Note: When installing the Disc tray, pull around the flat type wire to pass through the claw **A** and claw **B**, as shown in the figure.



SECTION 4 MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :
 record/playback heads pinch rollers
 erase head rubber belts
 capstan idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	30 to 80g • cm (0.41 – 1.11 oz • inch)
FWD back tension	CQ-102C	1.5 to 5.5g • cm (0.02 – 0.08 oz • inch)
FF/REW	CQ-201B	55 to 130g • cm (0.76 – 1.80 oz • inch)
FWD tension	CQ-403A	100g or more (3.53 oz or more)

SECTION 5 ELECTRICAL ADJUSTMENTS

DECK SECTION **0 dB=0.775V**

1. Demagnetize the record/playback head with a head demagnetizer. (Do not bring the head demagnetizer close to the erase head.)
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-ch.
7. Switches and controls should be set as follows unless otherwise specified.

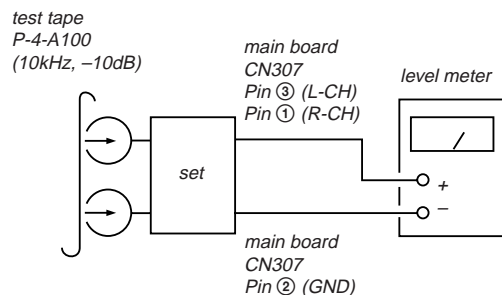
Tape	Signal	Used for
P-4-A100	10 kHz, -10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

Record/Playback Head Azimuth Adjustment (Deck A, Deck B)

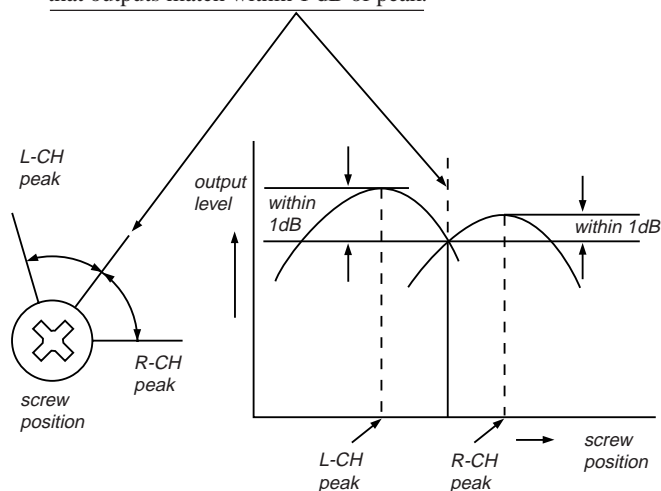
Note : Perform this adjustments for both decks.

Procedure :

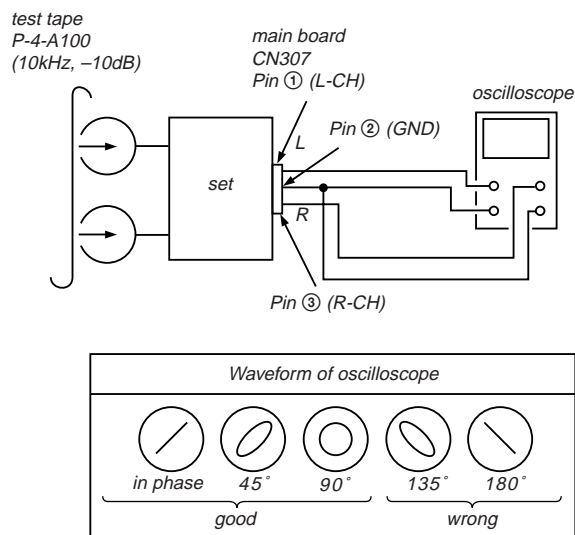
1. Mode : Playback



- Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1 dB of peak.

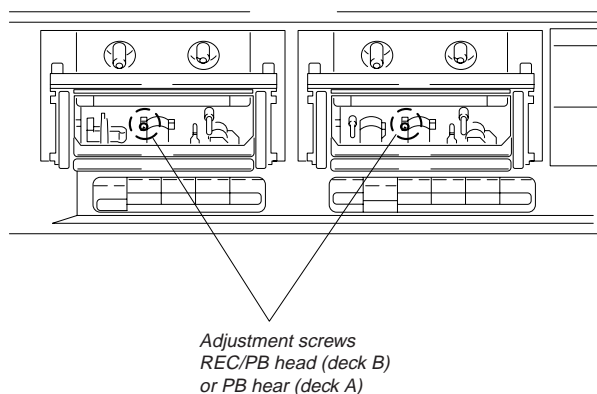


- Mode : Playback



- After the adjustments, apply suitable locking compound to the parts adjusted.

Adjustment Location :

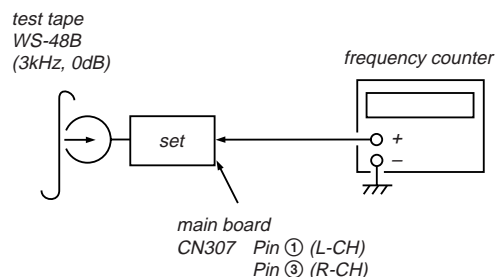


Adjustment screws
REC/PB head (deck B)
or PB head (deck A)

Tape Speed Adjustment (Deck A, Deck B)

Procedure :

Mode : Playback



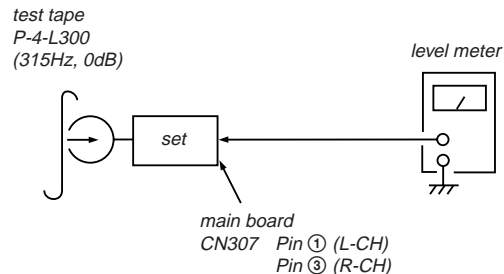
- Insert the WS-48B into the deck B, and playback.
- Adjust the RV380 so that the frequency counter reading becomes 3000 ± 10 Hz.
- Stop the deck B. Insert the WS-48B into the deck A to playback. Be sure to check that the difference of the frequency compared with the deck B becomes within +2% and -0.5%.
- Insert the CS-123 (blank tape) into the deck A and insert the WS-48B into the deck B, then playback them simultaneously. Be sure to check that the deck B's frequency counter reading becomes 3000 ± 50 Hz.

Adjustment Location : MAIN board

Playback Level Adjustment (Deck A, Deck B)

Procedure :

Mode : Playback



Deck A is RV301 (L-CH) and RV401 (R-CH),
Deck B is RV302 (L-CH) and RV402 (R-CH)
so that adjustment within the following adjustment level.

Adjustment level :

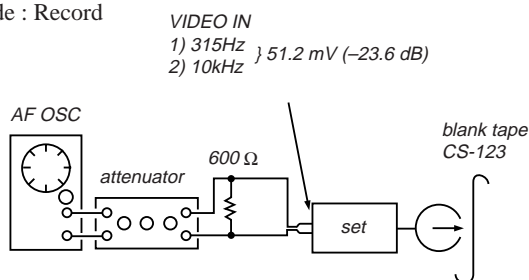
CN307 playback level: 301.5 to 338.3 mV (-8.2 to -7.2 dB)
level difference between the channels: within ± 0.5 dB

Adjustment Location : MAIN board

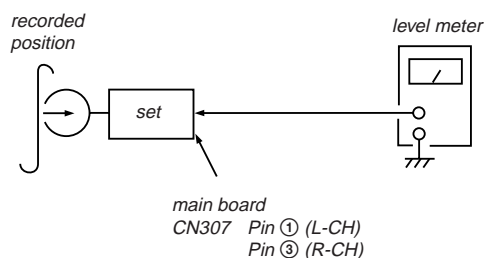
Record Bias Adjustment (Deck B)

Procedure :

1. Mode : Record



2. Mode : Playback



Confirm playback the signal recorded in step 1 become adjustment level as follows.

If these levels do not adjustment level, adjustment the RV304 (L-CH) and RV404 (R-CH) on the main board to repeat steps 1 and 2.

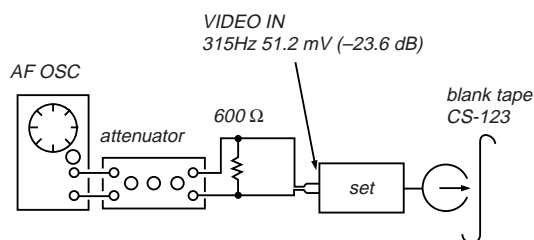
Adjustment level : Playback output of 10kHz level difference against 315Hz reference should be ± 0.5 dB.

Adjustment Location : MAIN board

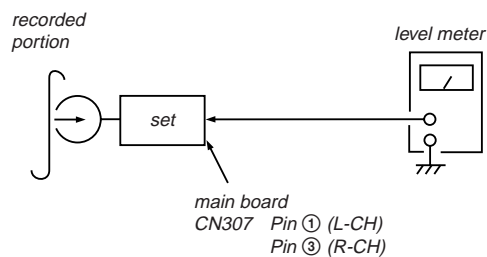
Record Level Adjustment (Deck B)

Procedure :

1. Mode: Record



2. Mode: Playback



Confirm playback the signal recorded in step 1 become adjustment level as follows.

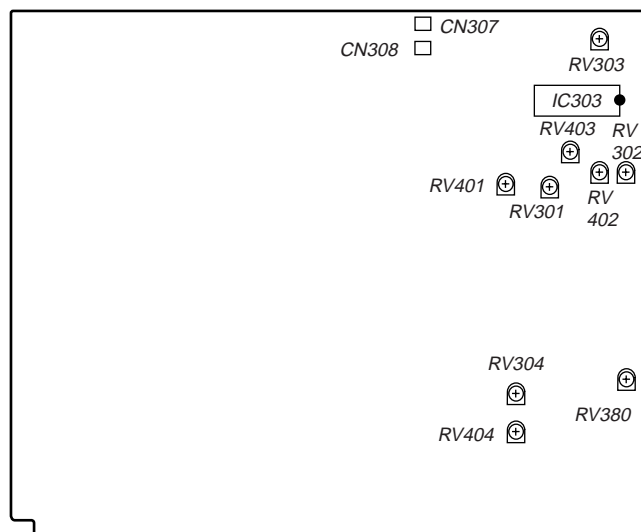
If these levels do not adjustment level, adjustment the RV303 (L-CH) and RV403 (R-CH) on the main board to repeat steps 1 and 2.

Adjustment level :

CN307 playback level : 47.2 to 53.0 mV (-24.3 to -23.3 dB)

Adjustment Location

[MAIN BOARD] (Component Side)



TUNER SECTION

0dB=1μV

Note 1: As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

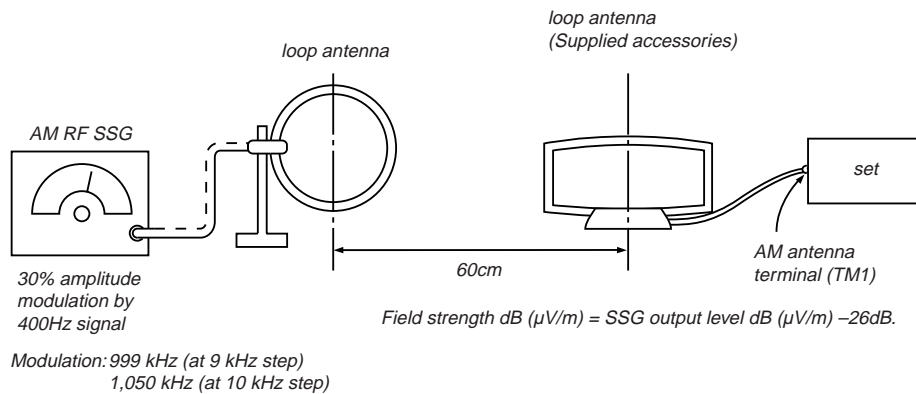
Note 2: No adjustment is needed due to a tuner pack for except AEP, UK, German, East European models.

AM Tuned Level Adjustment

Note: FM Tuned Level adjustment should be performed after this AM Tuned Level Adjustment.

Setting:

Band: AM or MW



Procedure:

1. Set the output of SSG so that the input level of the set becomes 55 dB.
2. Tune the set to 999 kHz or 1,050 kHz.
3. Adjust RV41 to the point (moment) when the TUNED indicator will change from going off to going on.

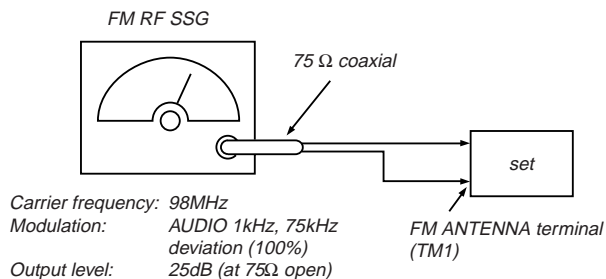
Adjustment Location: TCB board

FM Tuned Level Adjustment

Note: This adjustment should be performed after the AM Tuned Level Adjustment.

Setting:

Band: FM

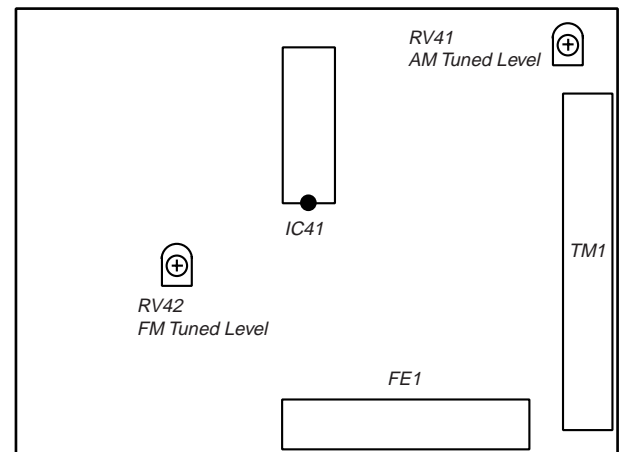


Procedure:

1. Supply a 25 dB 98 MHz signal from the ANTENNA terminal.
2. Tune the set to 98 MHz.
3. Adjust RV42 to the point (moment) when the TUNED indicator will change from going off to going on.

Adjustment Location

[TCB BOARD] (Component Side)

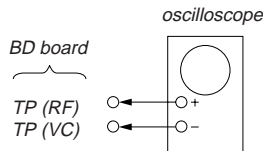


CD SECTION

Note:

1. CD Block is basically designed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than $10M\Omega$ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
5. Adjust the focus bias adjustment when optical block is replaced.

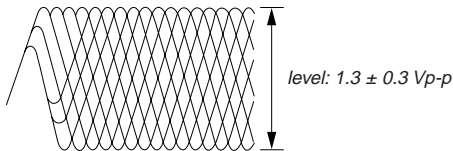
Focus Bias Adjustment



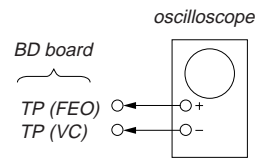
Procedure:

1. Connect oscilloscope to test point TP (RF).
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Adjust RV101 so that the waveform is clear. (Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.)
5. After adjustment, check the RF signal level.

- RF signal
VOLT/DIV: 200 mV
TIME/DIV: 500 nS



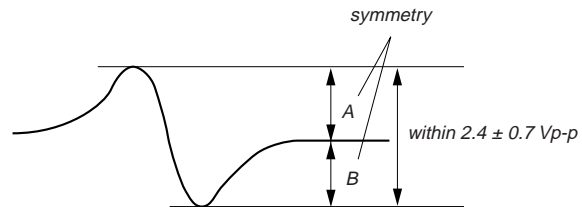
S Curve Check



Procedure :

1. Connect oscilloscope to test point TP (FEO).
2. Connect between test point TP (FOK) and Ground by lead wire.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 2.4 ± 0.7 Vp-p.

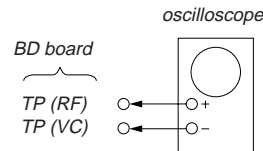
S-curve waveform



6. After check, remove the lead wire connected in step 2.

- Note:**
- Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
 - Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check

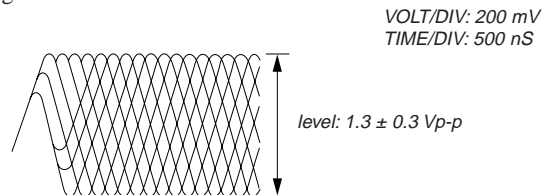


Procedure :

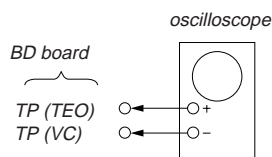
1. Connect oscilloscope to test point TP (RF) on BD board.
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

- Note:** Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.

RF signal waveform



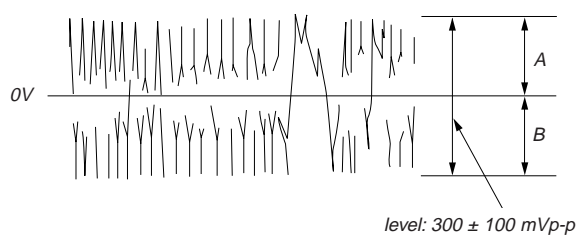
E-F Balance Check



Procedure:

1. Connect test point TP703 (ADJ2) on Main board to Ground with a lead wire.
2. Connect oscilloscope to test point TP (TEO).
3. Turned Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.

Traverse waveform



Specified level: $\bullet \frac{A - B}{2(A + B)} \times 100 = \text{less than } \pm 7\%$

$\bullet A + B = 300 \pm 100 \text{ mVp-p}$

6. Remove the lead wire connected in step 1.

Focus/Tracking Gain Adjustment (RV102, RV103)

This gain has a margin, so even if it is slightly off.

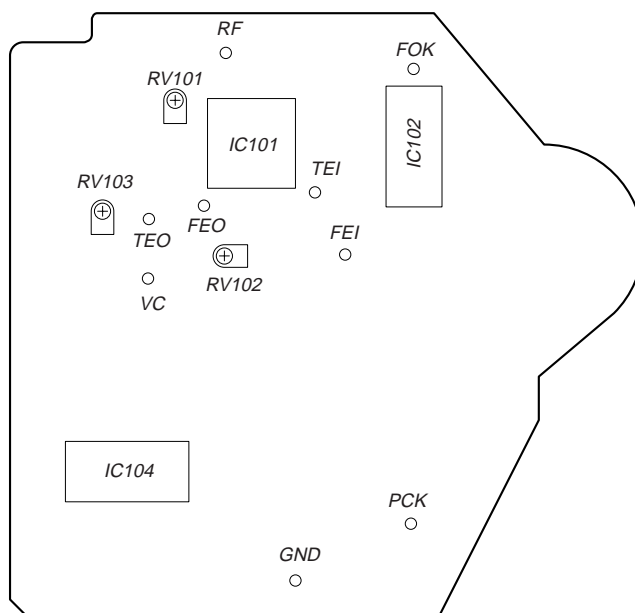
There is no problem.

Therefore, do not perform this adjustment.

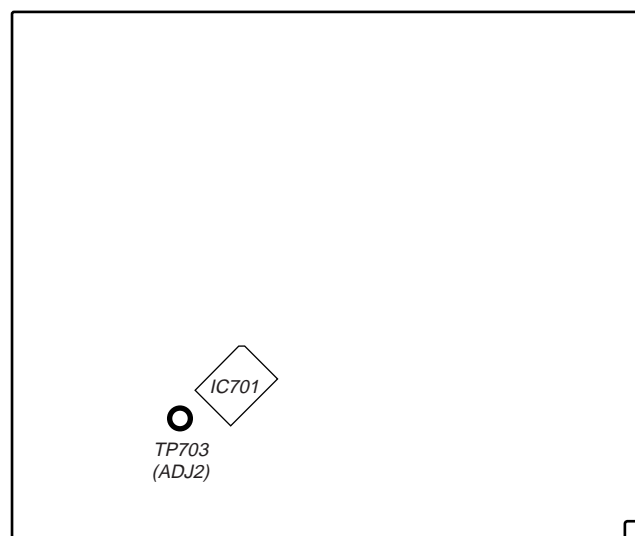
Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Location:

[BD BOARD] — Component Side —

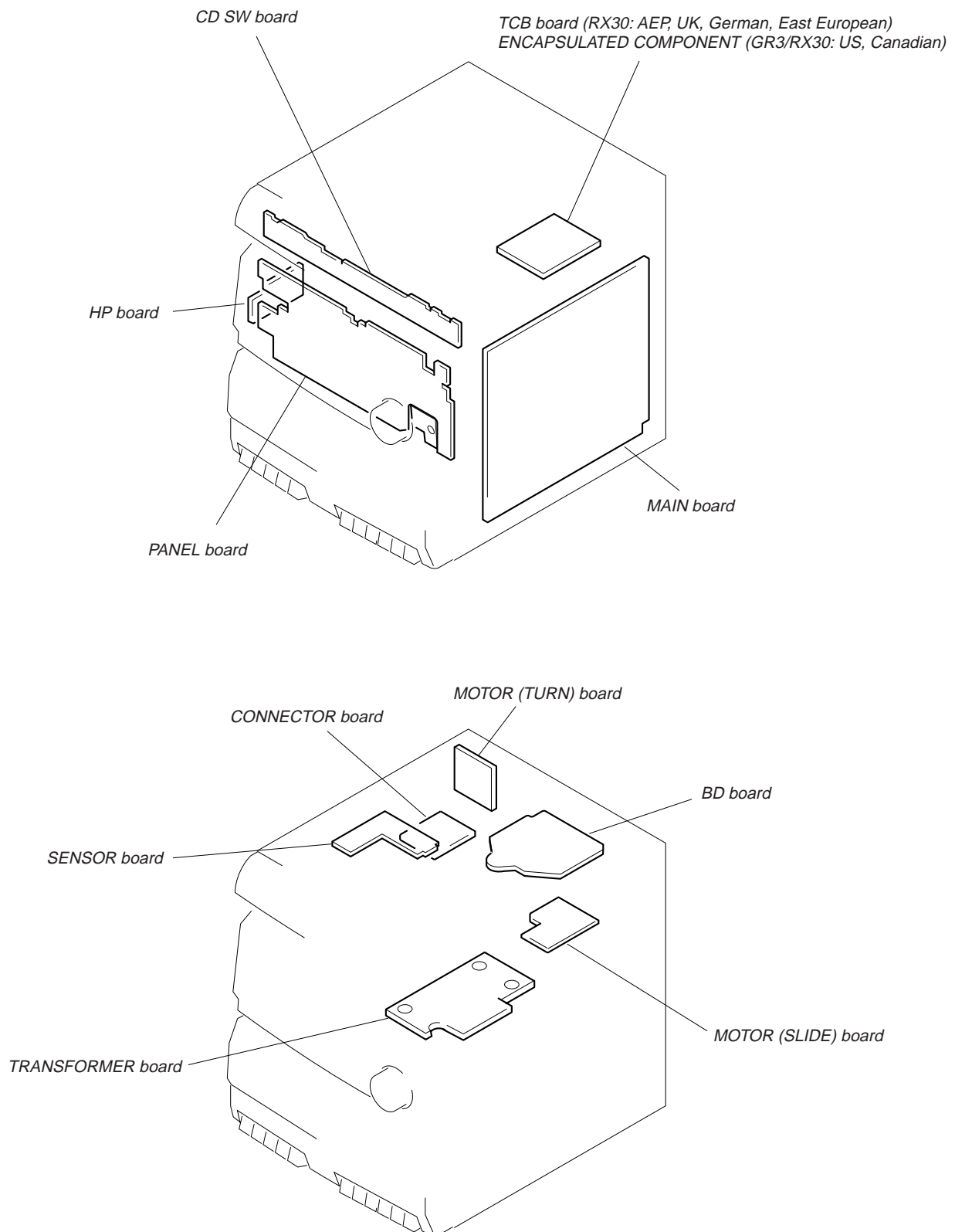


[MAIN BOARD] — Conductor Side —



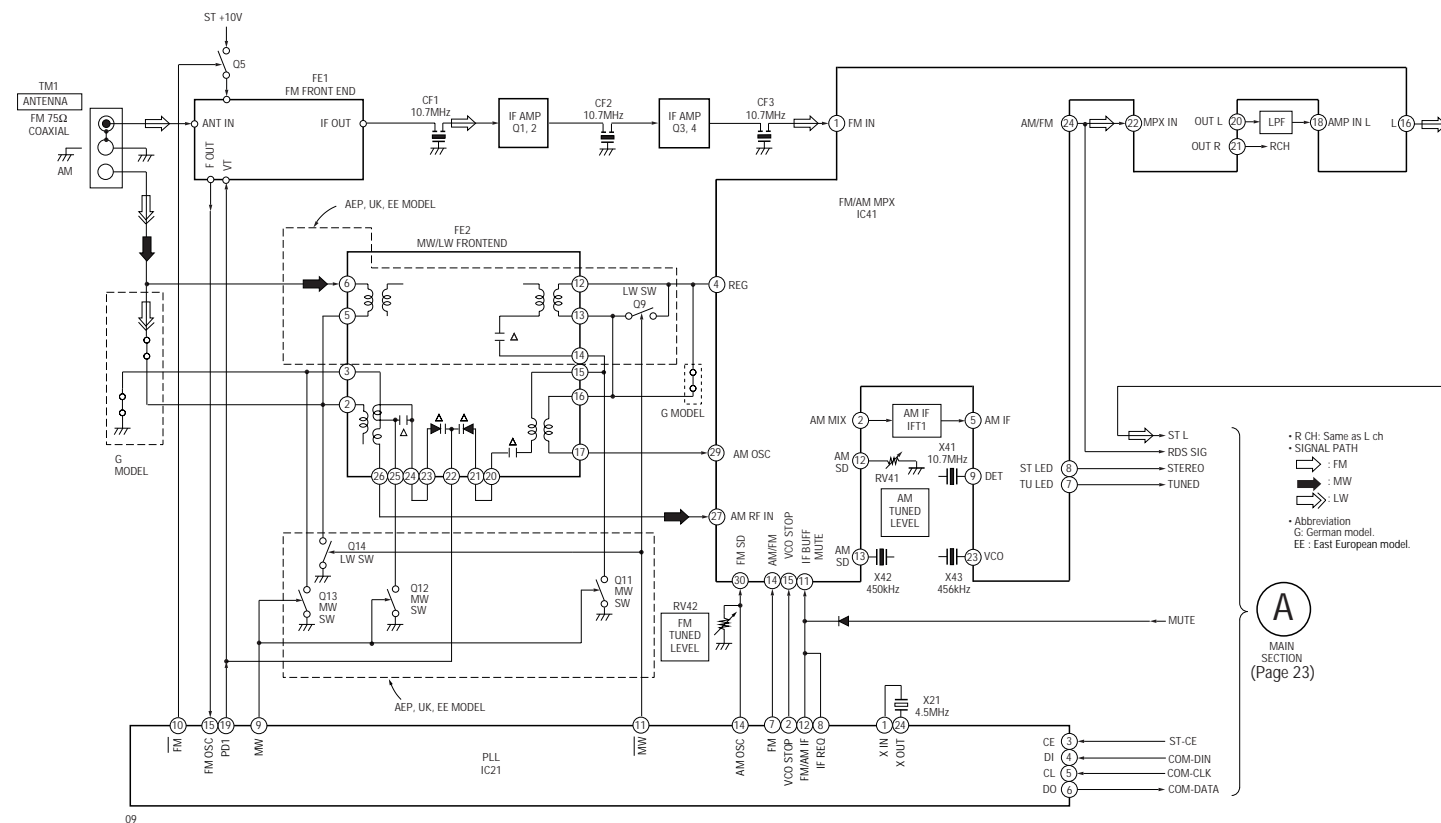
SECTION 6 DIAGRAMS

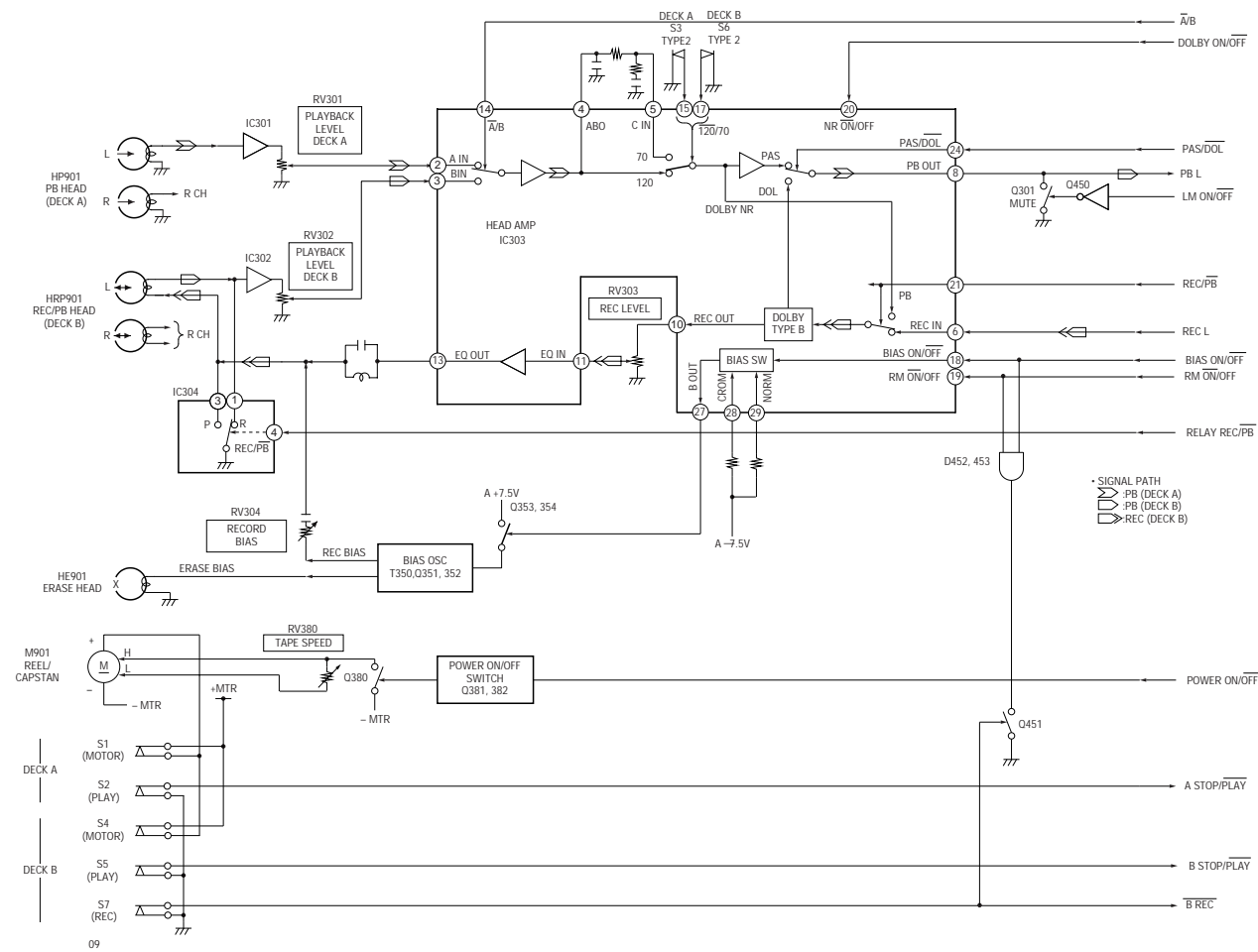
6-1. CIRCUIT BOARDS LOCATION



6-2. BLOCK DIAGRAMS

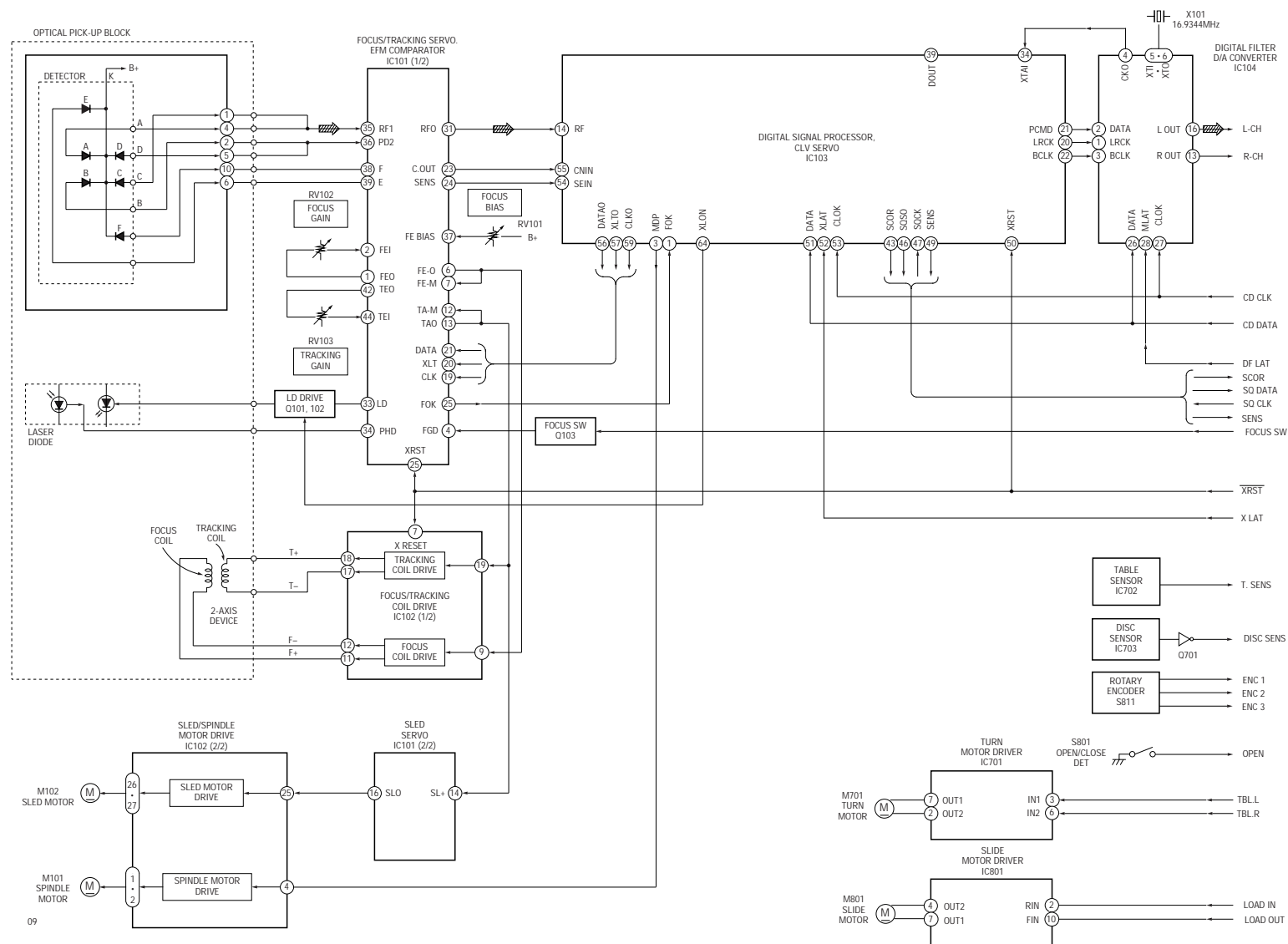
— TUNER SECTION — (RX30: AEP, UK, G, EE MODEL)





B
MAIN
SECTION
(Page 23)

— CD SECTION —

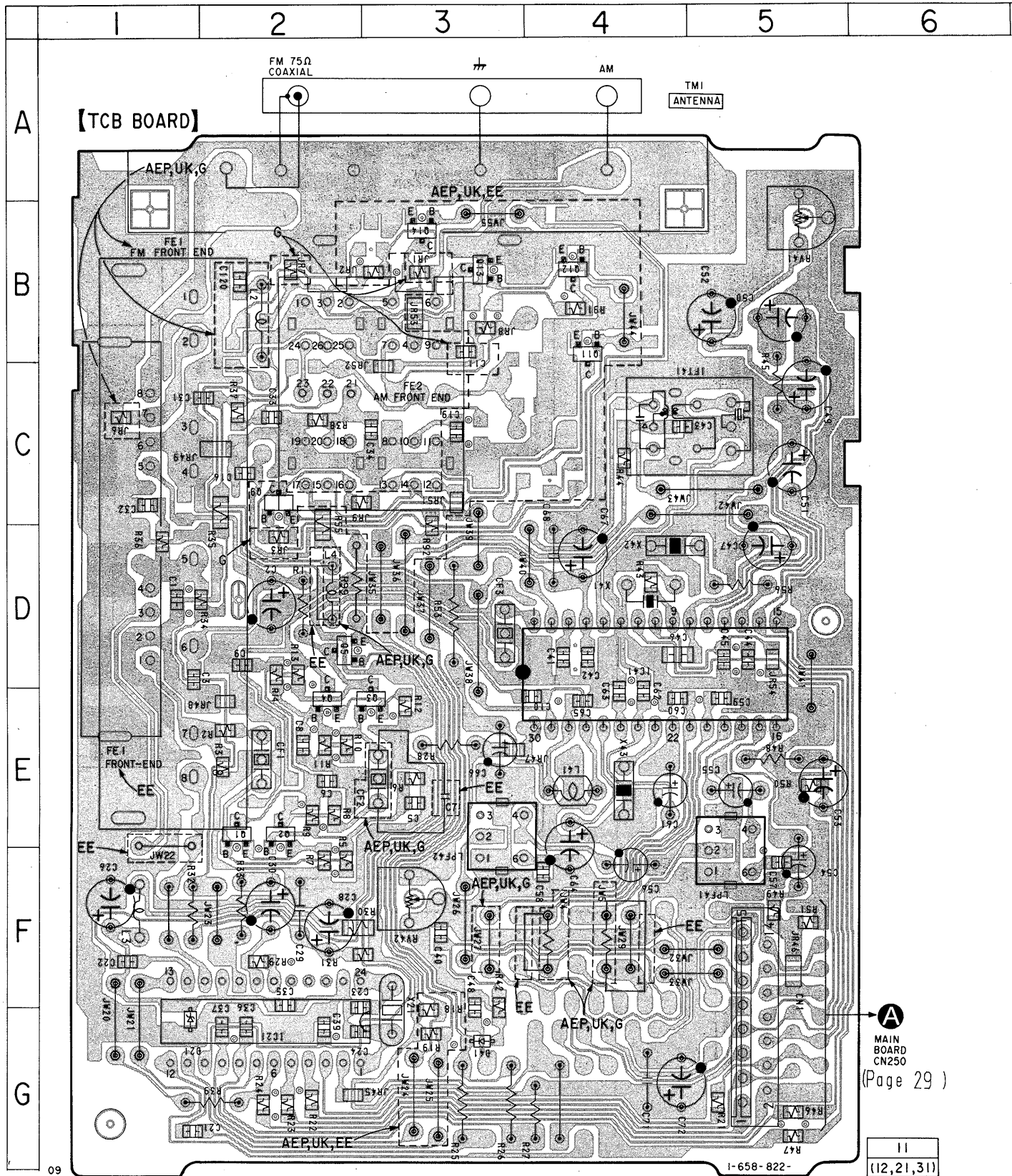


C
MAIN
SECTION
(Page 23)

• R CH: Same as L ch
• SIGNAL PATH
• CD



6-3. PRINTED WIRING BOARD — TUNER SECTION —
• See page 16 for Circuit Boards Location.



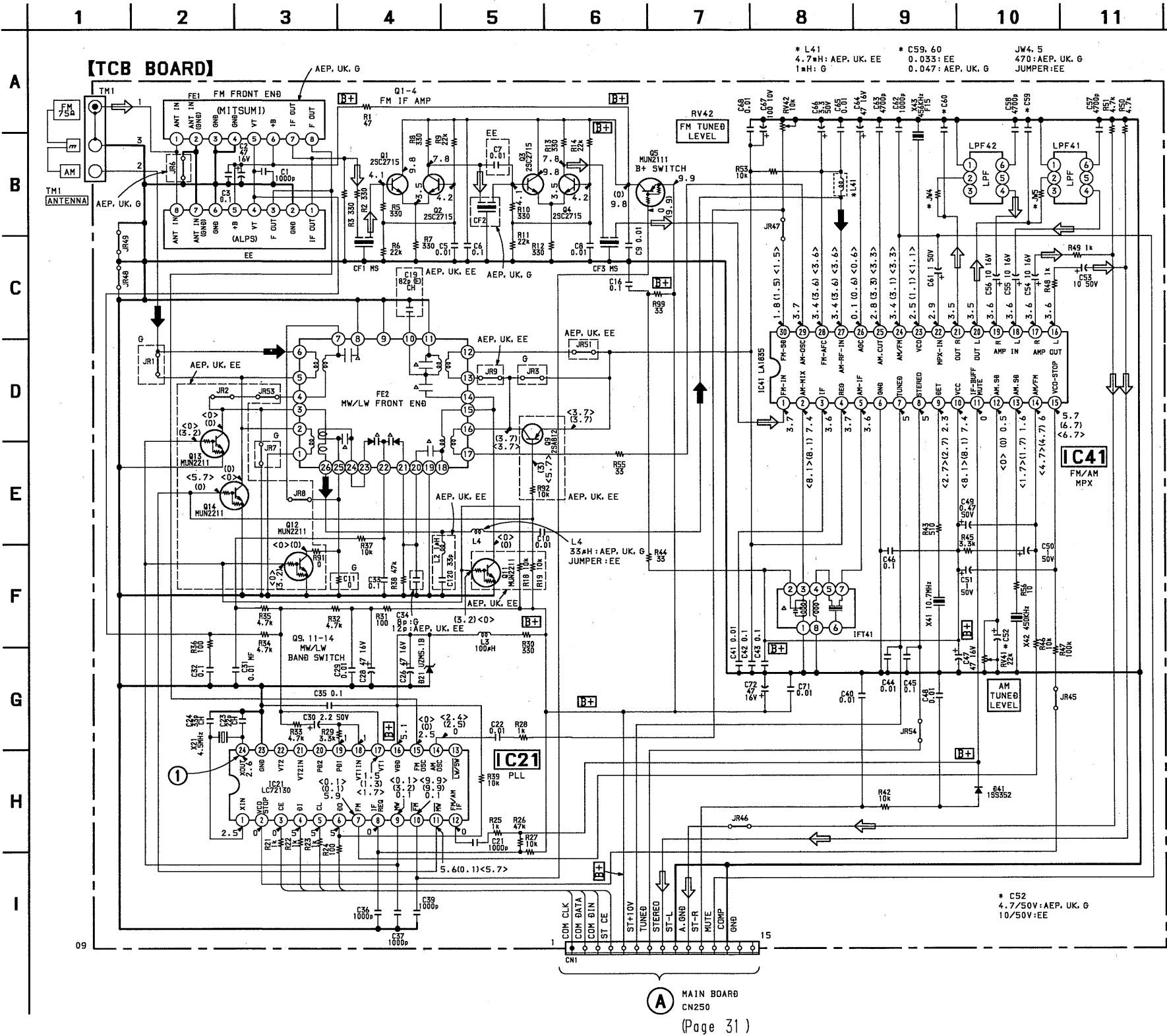
• Semiconductor Location

Ref. No.	Location
D21	G-1
D41	G-3
IC21	G-2
IC41	D-4
Q1	E-2
Q2	E-2
Q3	E-3
Q4	E-2
Q5	D-2
Q9	C-2
Q11	B-4
Q12	B-4
Q13	B-3
Q14	B-3

Note:

- : parts extracted from the component side.
- △ : Internal component.
- ▨ : Pattern from the side which enable seeing.
- Abbreviation
- G : German model.
- EE : East European model.

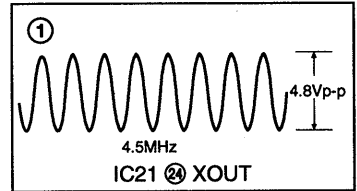
6-4. SCHEMATIC DIAGRAM — TUNER SECTION —
• See page 53 for IC Block Diagrams.



NOTE

- All capacitors are in μF unless otherwise noted, $\text{pF} = \mu\text{F} \times 10^{-6}$ or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
- △ : internal component.
- □ : panel designation.
- B+ : B+ Line.
- □ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions. no mark: FM
() : MW
< : LW
- Voltages are taken with a VOM (input impedance $10\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Abbreviation
- G : German model.
- EE : East European model.
- Signal path.
- : FM
- : AM

• Waveform



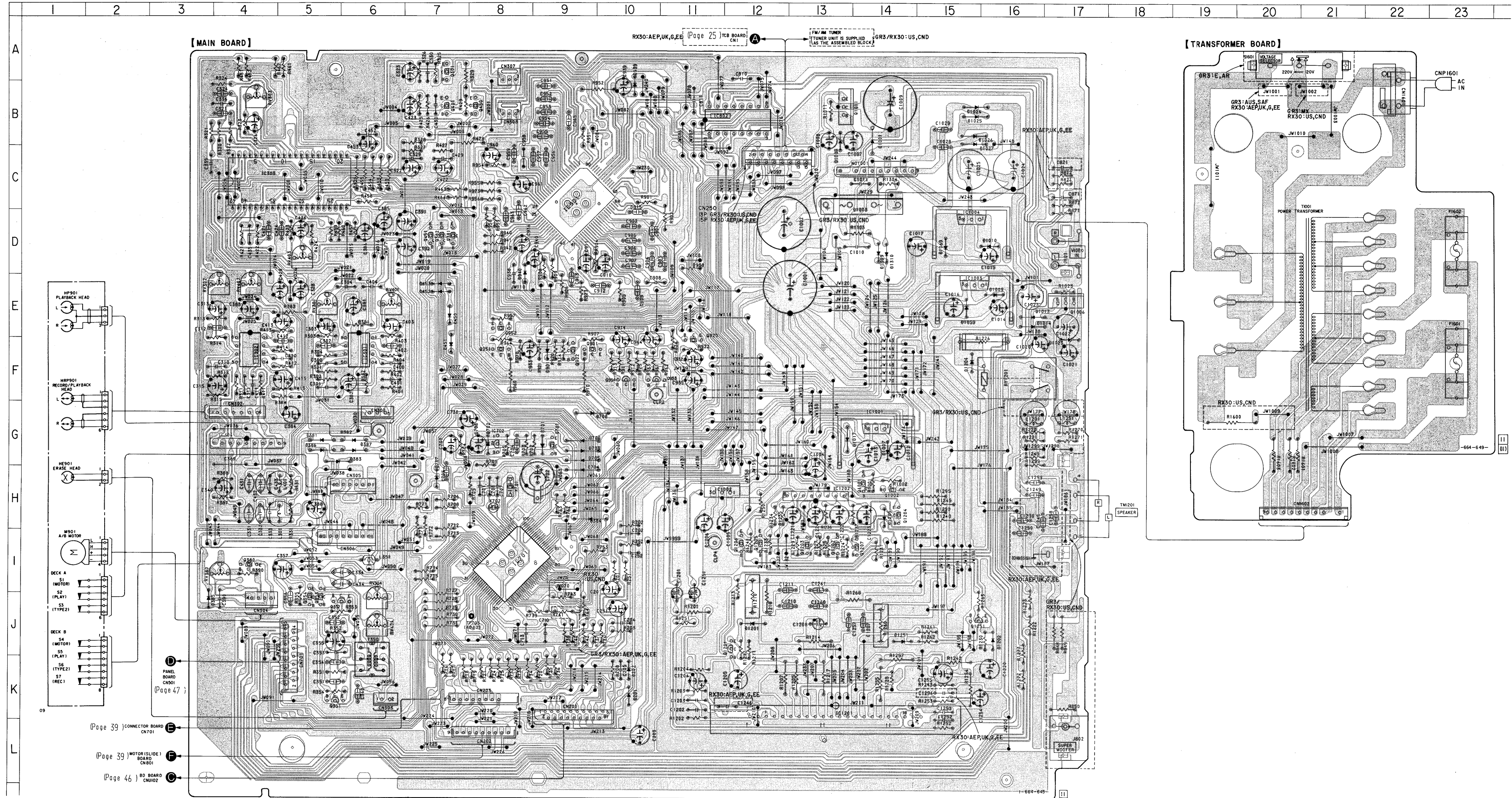
6-5. PRINTED WIRING BOARD — MAIN SECTION —
• See page 16 for Circuit Boards Location.

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D201	K-10	IC301	F-6
D202	K-10	IC302	F-4
D381	G-5	IC303	C-4
D382	G-6	IC304	G-4
D383	G-6	IC701	I-8
D384	H-9	IC702	G-8
D385	J-3	IC802	B-11
D386	G-5	IC901	C-9
D387	G-6	IC1001	G-14
D450	E-7	IC1002	H-11
D451	F-7	IC1003	E-15
D452	E-7	IC1004	C-15
D453	E-7	IC1201	K-13
D701	G-9	IC1202	H-13
D702	G-8		
D703	G-9	Q301	A-7
D704	H-9	Q351	K-5
D705	G-9	Q352	J-5
D706	G-9	Q353	J-5
D707	G-7	Q354	J-5
D708	G-10	Q380	I-4
D901	F-9	Q381	D-7
D939	A-10	Q382	D-7
D940	D-8	Q401	B-7
D1001	B-14	Q450	B-8
D1003	C-14	Q451	D-7
D1007	G-14	Q701	G-9
D1008	C-13	Q820	E-11
D1009	E-16	Q901	F-9
D1010	D-16	Q902	F-9
D1013	E-16	Q951	F-8
D1014	E-16	Q952	E-8
D1017	G-13	Q953	F-11
D1023	F-17	Q954	F-10
D1024	B-15	Q1001	H-14
D1025	B-15	Q1002	H-14
D1026	B-16	Q1006	E-17
D1027	B-16	Q1011	B-14
D1059	E-15	Q1201	J-11
D1069	D-15	Q1201	I-13
D1201	J-12	Q1203	I-13
D1202	J-16	Q1204	H-14
D1204	F-15	Q1205	I-12
D1205	H-14	Q1206	I-12
D1251	J-14	Q1207	I-14
D1309	D-14	Q1251	J-15
D1310	D-14		

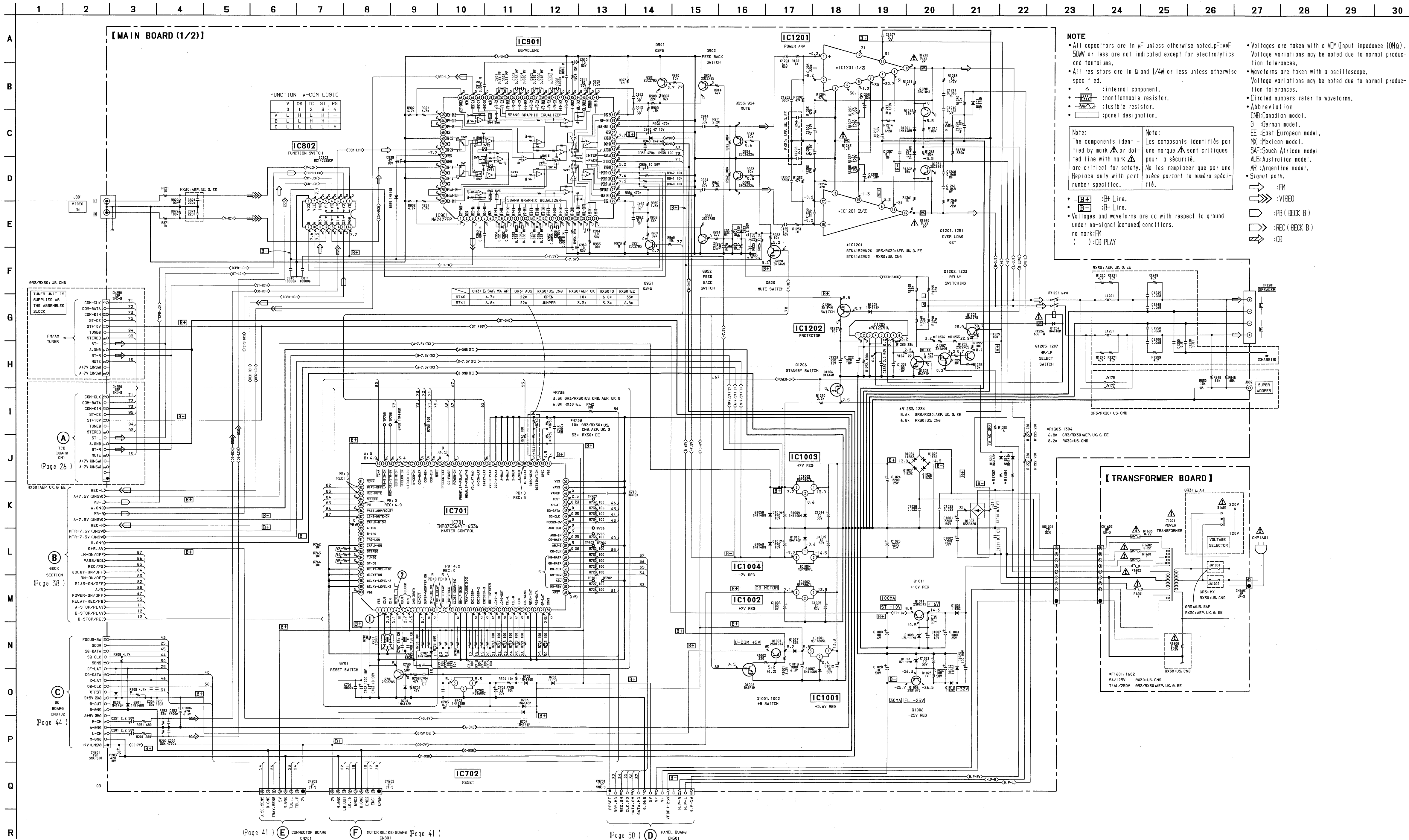
Note:

- : parts extracted from the component side.
- ▨ : Pattern from the side which enable seeing.
- Abbreviation
CND : Canadian model.
G : German model.
EE : East European model.
MX : Mexican model.
AUS : Australian model.
AR : Argentine model.
SAF : South African model.



6-6. SCHEMATIC DIAGRAM — MAIN SECTION —




- See page 54 for IC Block Diagrams.
- See page 56 for IC Pin Functions.





- See page 28 for Printed Wiring Board (Main board).
- See page 54 for IC Block Diagrams.





- All capacitors are in μF unless otherwise noted. μF : μF
50W or less are not indicated except for electrolytics
and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise
specified.

-  :B+ Line.
-  :B- Line.
-  :adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark:PB
():REC
- Voltages are taken with a VOM (input impedance 10M Ω).
Voltage variations may be noted due to normal production tolerances.
- Signal path.

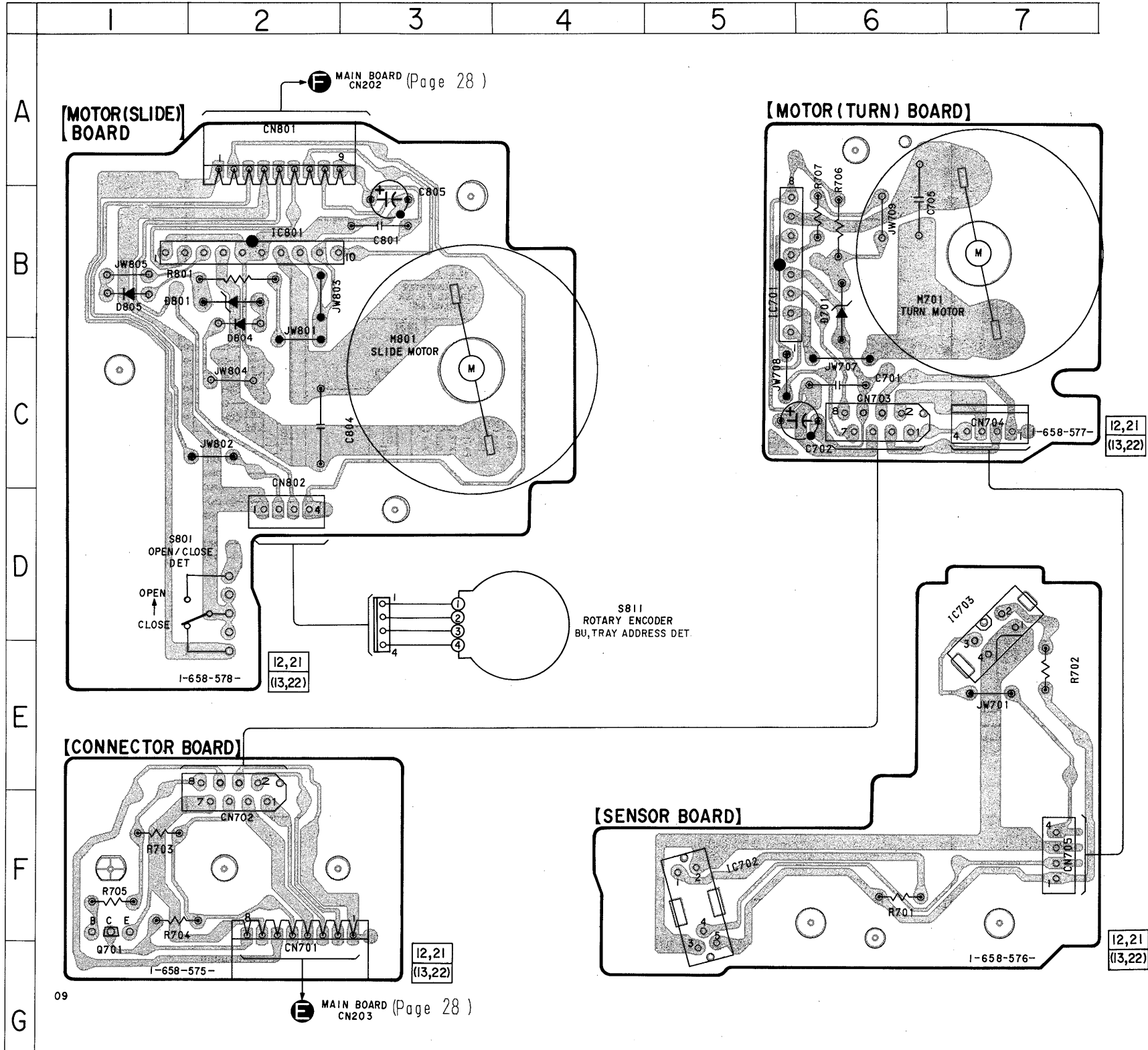
 :PB (BECK A)

 :PB (BECK B)

 :REC (BECK A)

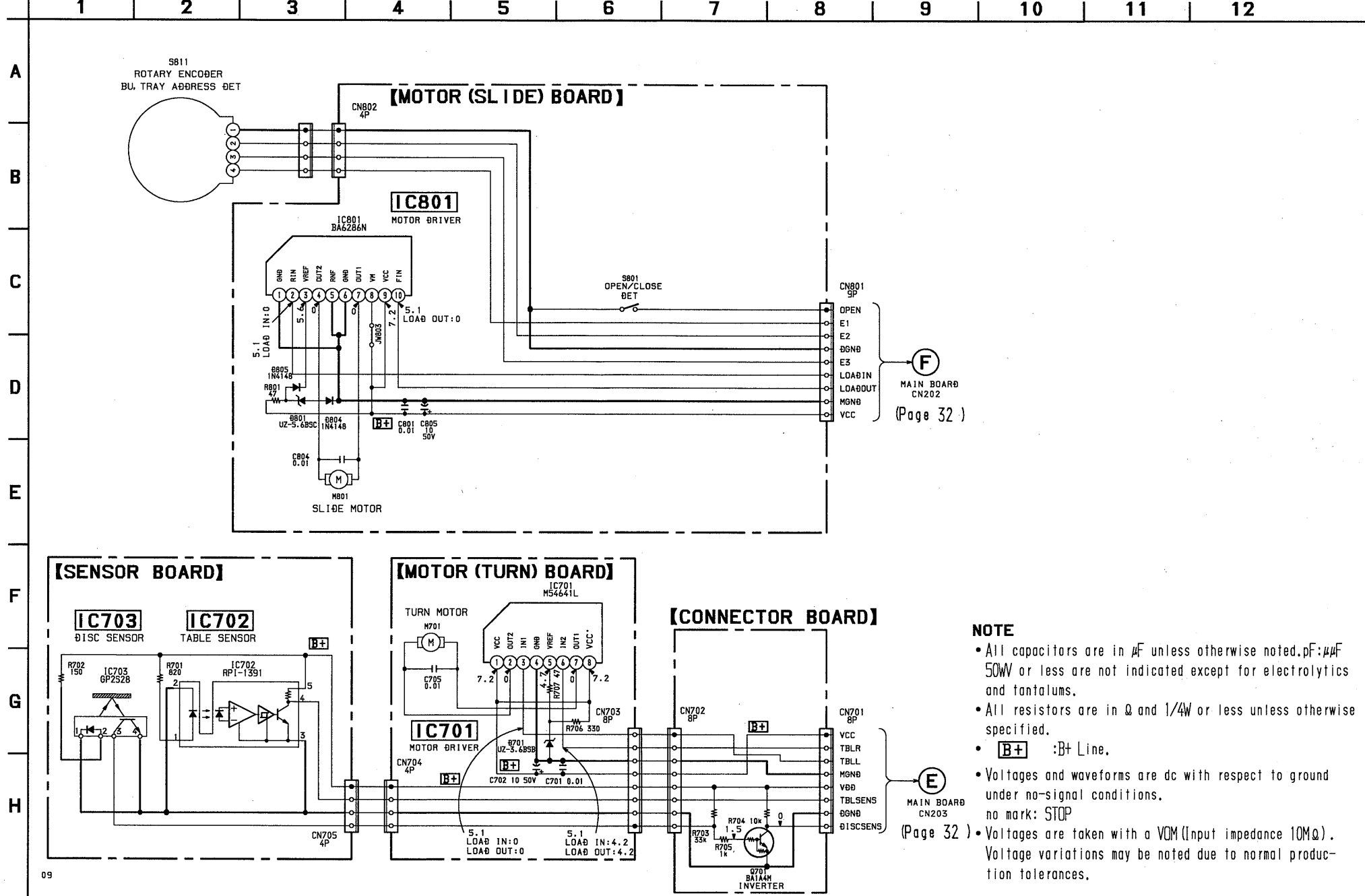
 :REC (BECK B)

6-8. PRINTED WIRING BOARD — CD MOTOR SECTION —
• See page 16 for Circuit Boards Location.



Note:
• : parts extracted from the component side.
• : Pattern from the side which enable seeing.

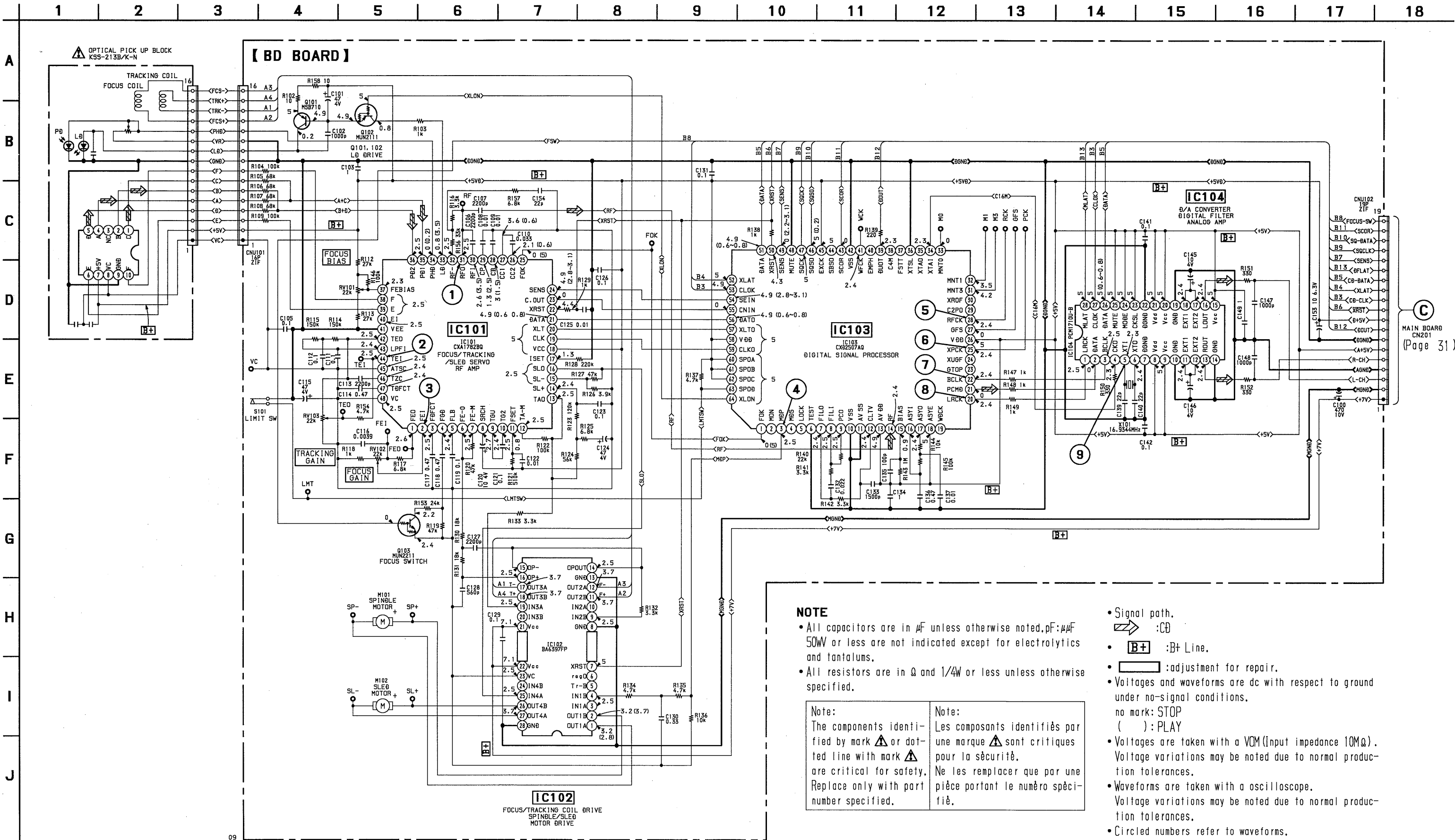
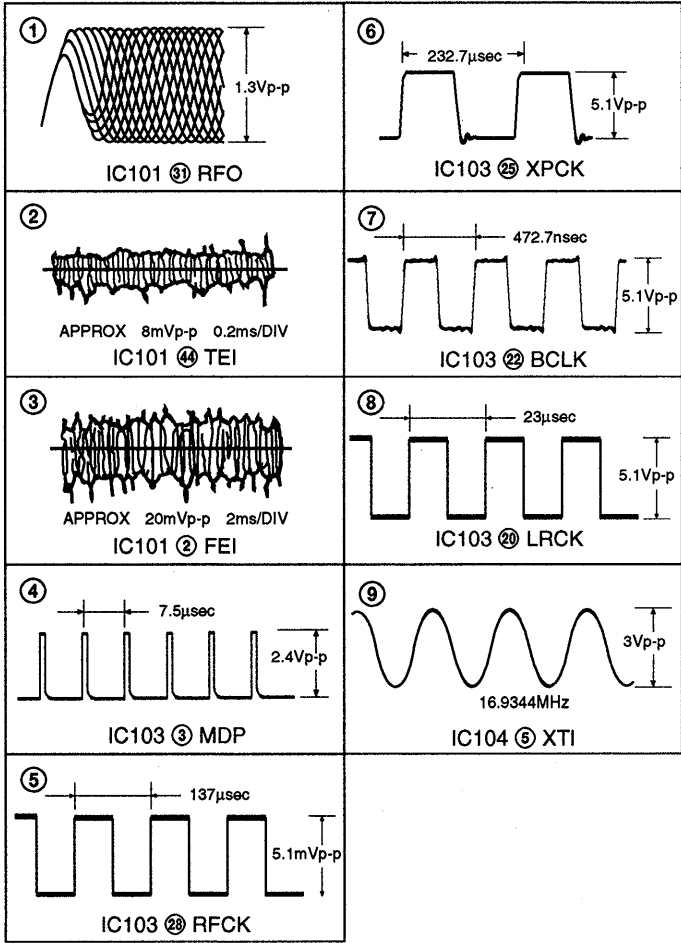
6-9. SCHEMATIC DIAGRAM — CD MOTOR SECTION —
• See page 54 for IC Block Diagrams.



NOTE
• All capacitors are in μF unless otherwise noted. μF : μF
50W or less are not indicated except for electrolytics and tantalums.
• All resistors are in Ω and $1/4W$ or less unless otherwise specified.
• B+ : B+ Line.
• Voltages and waveforms are dc with respect to ground under no-signal conditions.
• no mark: STOP
• Voltages are taken with a VOM (input impedance $10M\Omega$).
• Voltage variations may be noted due to normal production tolerances.

6-10. SCHEMATIC DIAGRAM — CD SECTION —
• See page 51 for IC Block Diagrams.

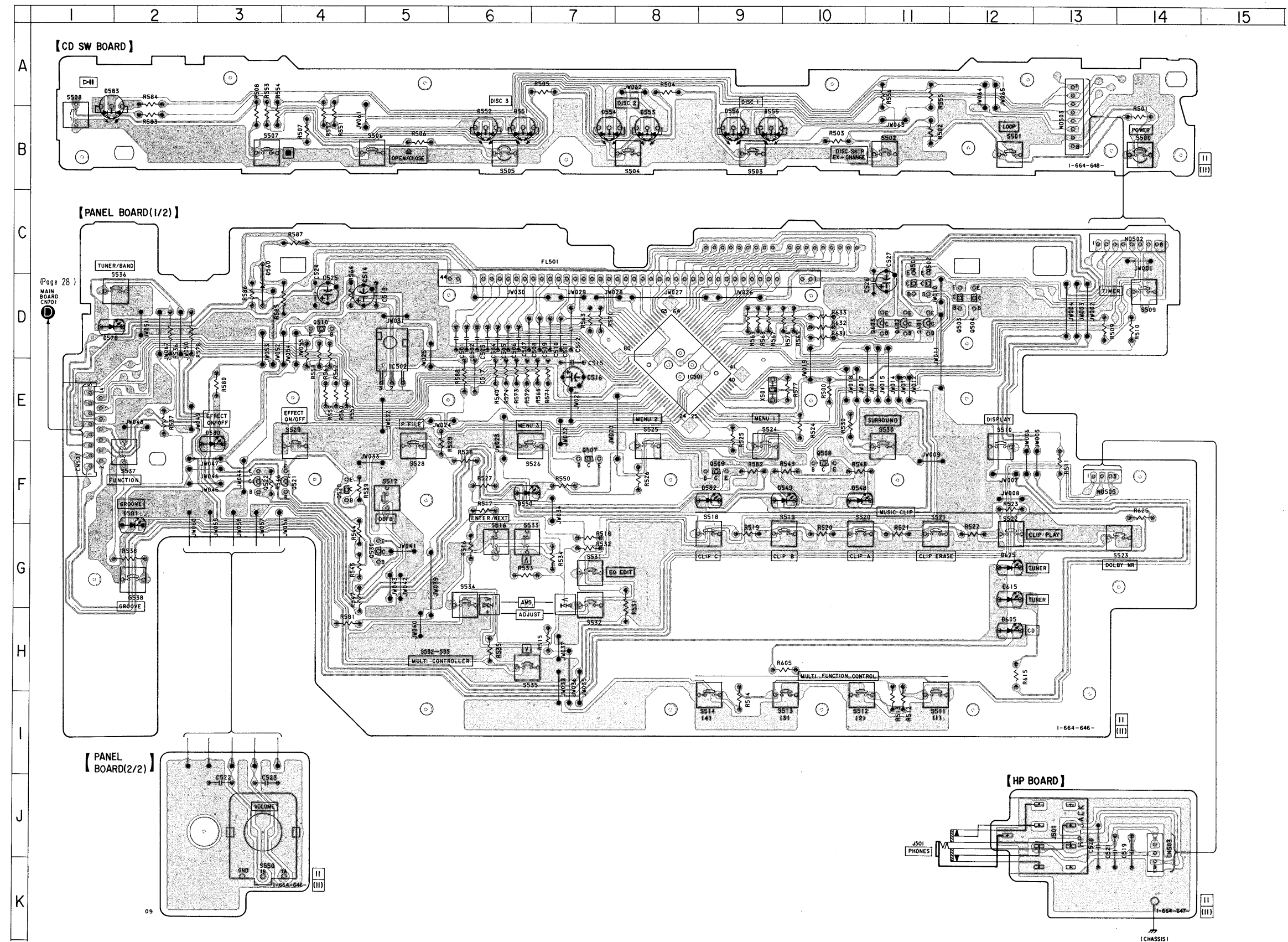
• Waveforms




6-12. PRINTED WIRING BOARD — PANEL SECTION —
• See page 16 for Circuit Boards Location.

- **Semiconductor Location**

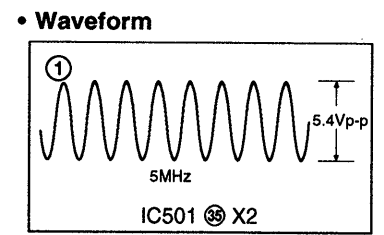
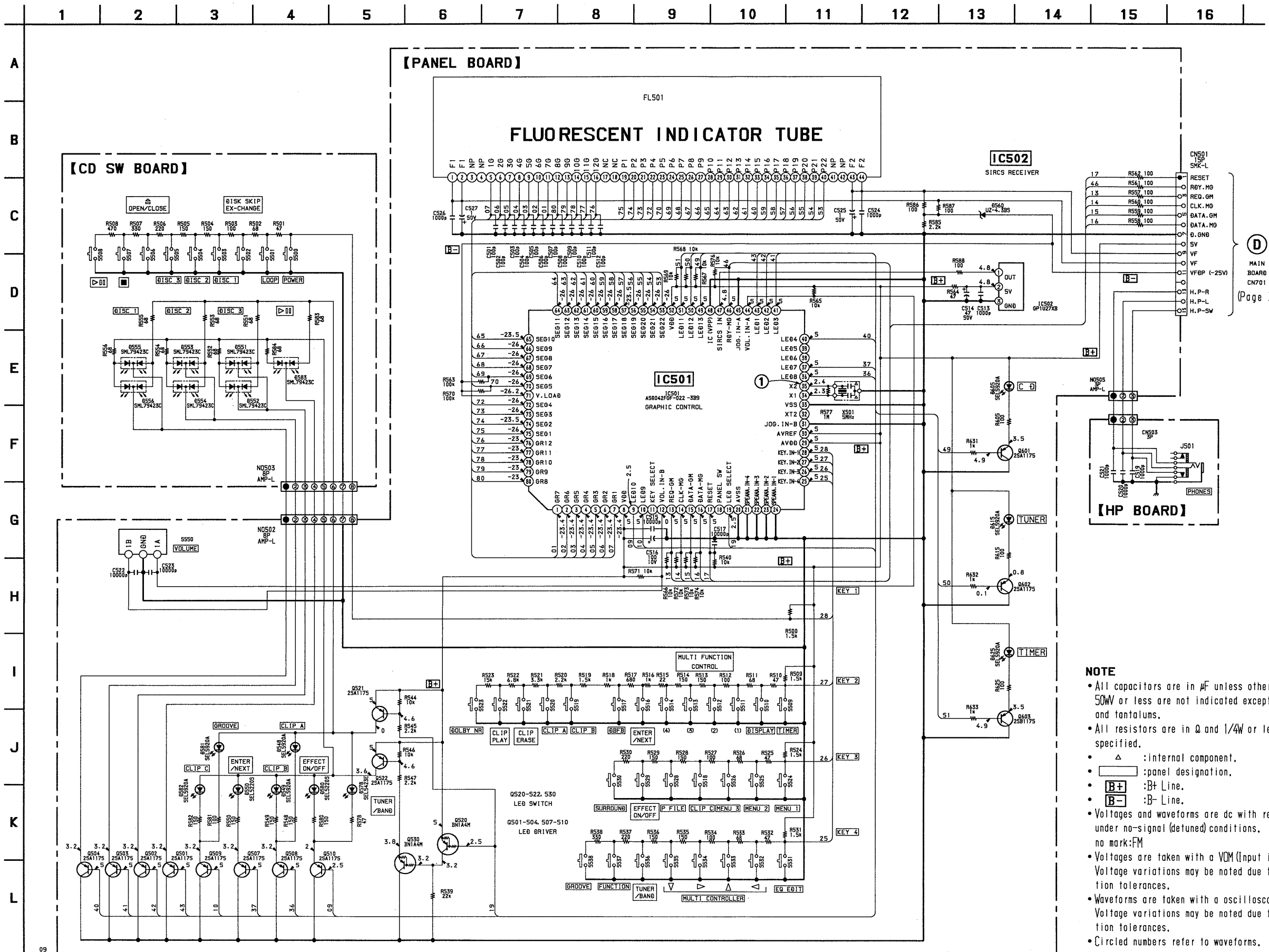
Ref. No.	Location
D548	F-10
D549	F-10
D550	F-6
D551	B-6
D552	B-6
D553	B-8
D554	B-7
D555	B-9
D556	B-9
D560	C-3
D578	D-1
D580	E-3
D581	F-2
D582	F-9
D583	A-1
D605	H-12
D615	G-12
D625	G-12
IC501	E-8
IC502	E-5
Q501	C-11
Q502	C-11
Q503	D-12
Q504	D-12
Q507	F-7
Q508	F-10
Q509	F-9
Q510	D-4
Q520	F-4
Q521	F-4
Q522	F-3
Q530	G-5
Q601	D-11
Q602	D-11
Q603	D-11



Note:

- : parts extracted from the component side.
-  : Pattern from the side which enable seeing.

6-13. SCHEMATIC DIAGRAM — PANEL SECTION —
• See page 55 for IC Pin Functions.

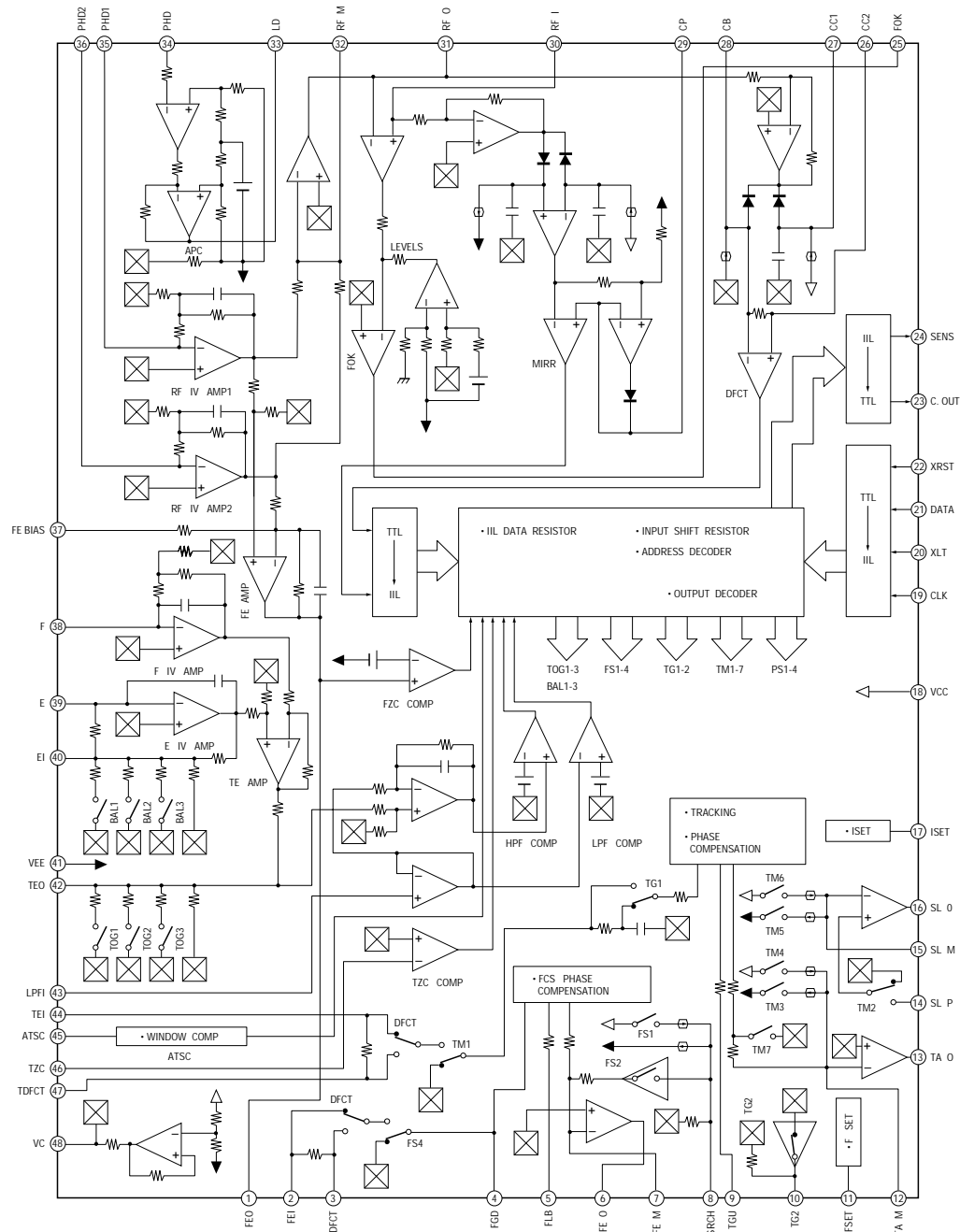


D
MAIN BOARD
CN701
(Page 32)

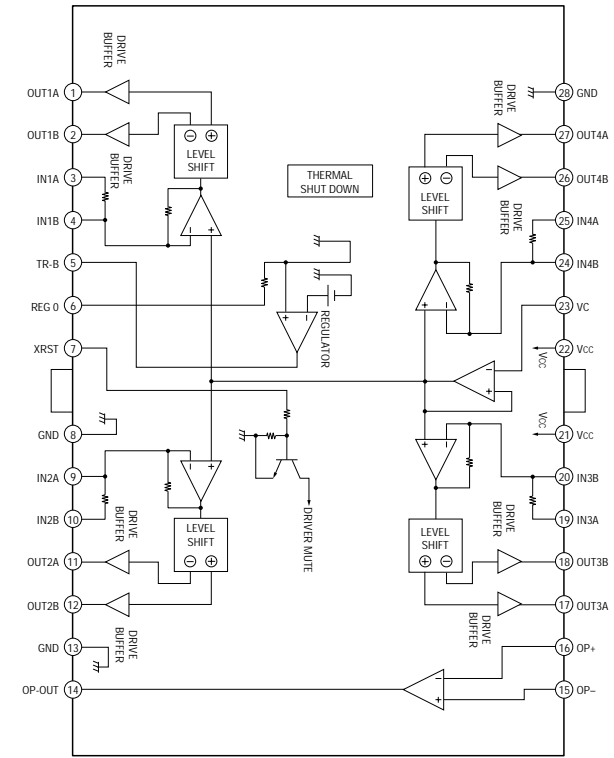
- NOTE**
- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and 1/4W or less unless otherwise specified.
 - Δ : internal component.
 - \square : panel designation.
 - B+ : B+ Line.
 - B- : B- Line.
 - Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
 - no mark: FM
 - Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
 - Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
 - Circled numbers refer to waveforms.

6-14. IC BLOCK DIAGRAMS

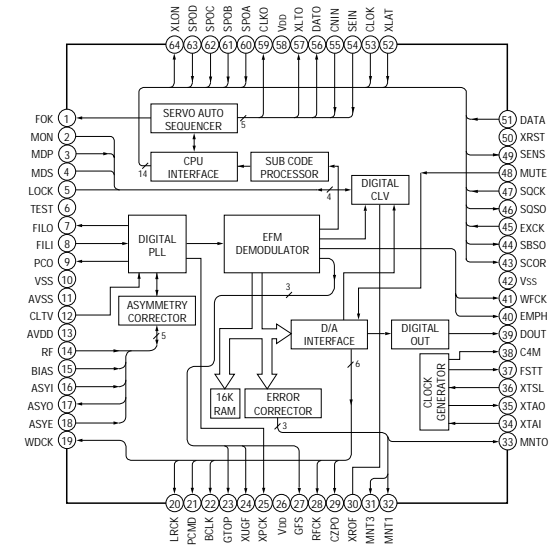
IC101 CXA1782BQ



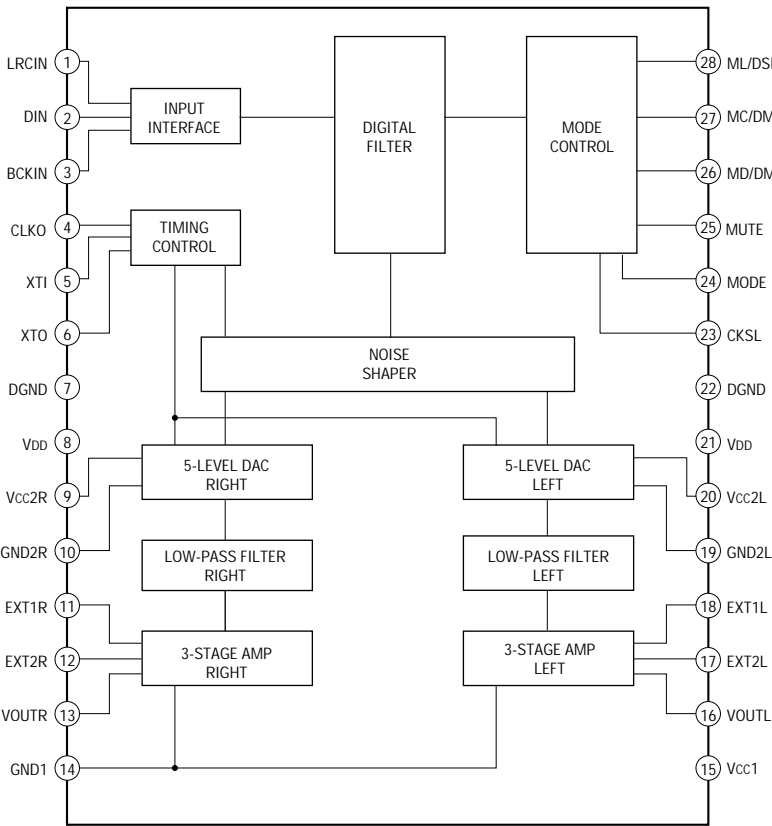
IC102 BA6397FP



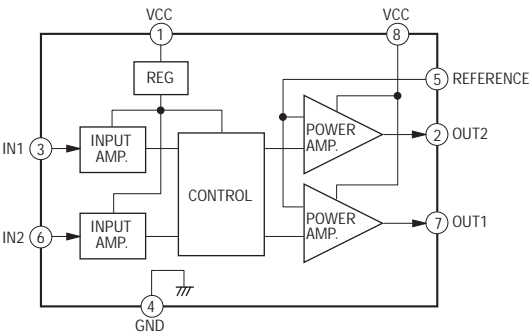
IC103 CXD2507AQ



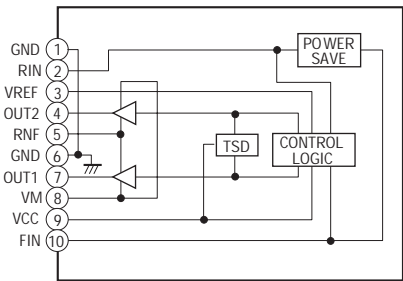
IC104 PCM1710U-B



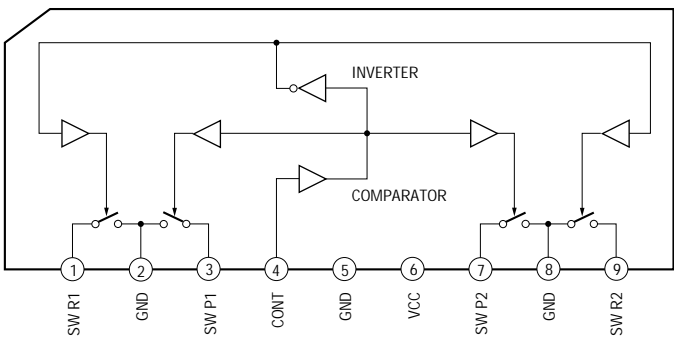
IC701 M54641L



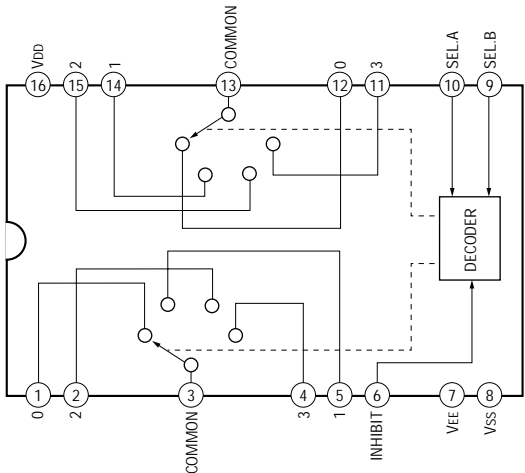
IC801 BA6286N



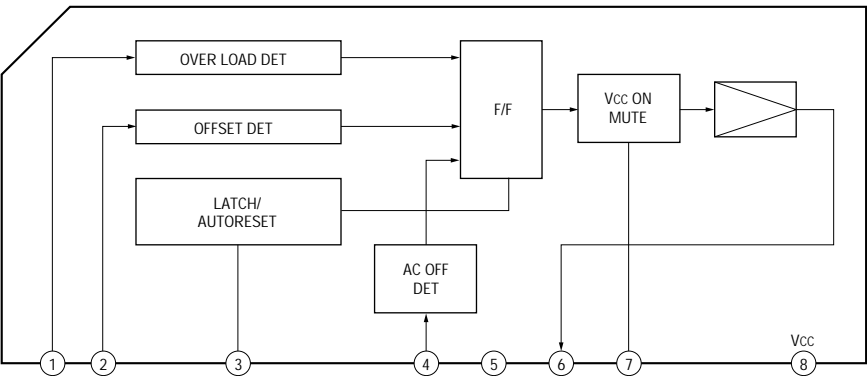
IC304 μ PC1330HA



IC802 MC14052BCP



IC1202 μ PC1237HA



6-15. IC PIN FUNCTIONS

• IC501 GRAPHIC CONTROL (ASD042FGF-022-3B9)

Pin No.	Pin Name	I/O	Function
1 – 7	GR1 – GR7	O	FL grid signal output
8	V _{DD}	—	+5V
9, 10	LED9, LED10	O	LED drive signal output
11	KEY SELECT	O	Not used
12	VOL IN B	I	Volume encoder signal input
13	REQ. GM	I/O	Request signal from/to master control
14	CLK MG	I	Serial clock input
15	DATA GM	O	Serial data output
16	DATA MG	I	Serial data input
17	RESET	I	Reset signal input
18	PANEL SW	I	CD door open detection input (Not used)
19	LED SELECT	O	LED select signal output
20	AV _{ss}	—	Ground
21 – 24	SPEANA IN1 – 4	I	Spectram analyzer signal input (Connected to ground)
25 – 28	KEY IN1 – 4	I	Key matrix input
29	AV _{DD}	—	+5V
30	AV _{REF}	—	
31	JOG IN B	I	Not used (Pull down)
32	XT2	I	Not used
33	V _{ss}	—	Ground
34	X1	I	X'tal (5 MHz)
35	X2	O	
36, 37	LED7, LED8	O	LED drive signal output
38, 39	LED5, LED6	O	Not used
40 – 43	LED1 – LED4	O	LED drive signal output
44	VOL IN A	I	Volume encoder signal input
45	JOG IN A	I	Not used. (Pull down)
46	RDY MG	I	RDY signal from master control
47	SIRCS IN	I	SIRCS signal input
48	IC (VPP)	—	Ground
49 – 51	LED11 – LED13	O	LED drive signal output
52	V _{DD}	—	+5V
53 – 70	SEG5 – SEG22	O	FL segment signal output
71	V. LOAD	—	–25V for FL
72 – 75	SEG1 – SEG4	O	FL segment signal output
76 – 80	GR8 – GR12	O	FL grid signal output

• Abbreviation

FL: FLUORESCENT INDICATOR TUBE

• IC701 MASTER CONTROL (TMP87CS64YF-6536)

Pin No.	Pin Name	I/O	Function
1	V _{SS}	–	Ground
2	XOUT	O	X'tal (10 MHz)
3	XIN	I	
4	RESET	I	Reset signal input
5	XOUT	O	X'tal for clock (32.768 KHz)
6	XIN	I	
7	GND (test)	–	Ground
8	AC CUT	I	Back up signal input
9	SUPER WOOFER ON	O	Not used (Pull up)
10	ST-MUTE ON	O	Mute signal output for tuner
11	180-A-PLAY	I	Tape detection signal input
12	180-B-PLAY	I	
13	180-B-REC	I	
14	CLOSE (DOOR-SW)	I	Not used. (Pull up)
15	BD-UP (5CD)	I	Disc table up detect (Not used) (Pull down)
16	TRAY-CLOSE (1CD)	I	Loading in detection signal input (Connected to ground)
17	ENCODER-0	I	Disc tray address detect encoder input
18	ENCODER-1	I	
19	ENCODER-2	I	
20	OUT SW OPEN	I	Loading out detection signal input
21	LOAD IN	O	Loading motor control signal output
22	LOAD OUT	O	
23	TBL-L	O	Table motor control signal output
24	TBL-R	O	
25	SCOR	I	Sub-code sync signal input
26	TBL-SENS	I	CD Table sensor signal input
27	RDS INT	I	RDS data start input (Not used)
28	RDS DATA	I	RDS data start output (Not used)
29	DF LAT	O	Latch signal for digital filter
30	SENS	I	Table sense signal input
31	XRST	O	Reset signal output for CD
32	MG-RDY	O	Ready signal to graphic control
33	ADJ	I	Test mode input
34	GM-REQ	I	Request signal from graphic control
35	MG-CLK	O	Clock signal to graphic control
36	GM-DATA	I	Data input from graphic control
37	MG-DATA	O	Data output to graphic control
38	CD-CLK	O	Clock output. Serial bus line
39	ADJ-2	I	Test mode input
40	CD-DATA	O	Data output. Serial bus line

Pin No.	Pin Name	I/O	Function
41	AUB IN	I	Audio bus in/output. (Not used)
42	AUB OUT	O	
43	FOCUS SW	O	Focus switching signal output
44	SQ-CLK	O	Subcode Q data read clock output
45	SQ-DATA	I	Subcode Q data input
46	X-LAT	O	Latch signal output for digital signal processor
47	TEST	I	Test land
48	VAREF	I	Analog reference voltage input
49	V _{ASS}	–	Ground
50	V _{SS}	–	
51	V _{DD}	–	+5V
52	SPEC	I	Destination detection setting input
53	DESTINATION	I	
54	DISC SENS	I	Slit sensor of disc table input
55	TC RELAY	O	REC/PB select signal output
56	A-SHUT	I	Control signal input from deck (Connected to ground)
57	B-SHUT	I	
58	B-HALF	I	
59	A-HALF	I	
60	220-A-PLAY	I	
61	220-B-PLAY	I	
62	62427 LAT	O	PLL latch output
63	K-CON-LAT	O	Not used
64	VOL LAT (AV)	O	Latch signal for electrical volume (Not used)
65	REAR SP RELAY B	O	Rear speaker relay B Control output (Not used)
66	FRONT SP RELAY C	O	Front speaker relay C Control output (Not used)
67	POWER ON	O	Power on signal output
68	CD POWER	O	CD power control signal output
69	PROLOG LAT	O	Latch signal output for dolby pro logic (Not used)
70	MUTE	O	Mute signal for AMP
71	COM CLK	O	PLL clock output
72	COM DIN	I	PLL data input
73	COM DATA	O	PLL data output
74	K CON ON	O	Not used
75	LIDDED LED	O	Disc No LED drive signal output (Not used)
76	PROLOG-ON	O	Not used
77	DBFB-HIGH	O	DBFB switching signal output
78	URG-STB-STD-BY	I	Not used
79	URG-SIG-ON	O	Not used
80	TC A	O	Deck A, B select output

Pin No.	Pin Name	I/O	Function
81	$\overline{\text{NORM}}$	O	NORMAL/HIGH control signal output (Not used)
82	$\overline{\text{BIAS OFF}}$	O	Bias oscillation output
83	$\overline{\text{REC MUTE}}$	O	Mute output
84	$\overline{\text{NR OFF}}$	O	Dolby ON/OFF signal output
85	PB	O	REC/PB control signal output
86	$\overline{\text{PASS. AMP/DOLBY}}$	O	Dolby switching signal output
87	$\overline{\text{LINE MUTE ON}}$	O	Mute signal output for deck
88	$\overline{\text{CAP. M-HIGH}}$	O	Capstan motor control signal output (Not used)
89	A-TRG	O	Trigger motor control signal output (Not used)
90	B-TRG	O	
91	$\overline{\text{TRG LOW}}$	O	Trigger motor high/low control signal output (Not used)
92	$\overline{\text{CAP M ON}}$	O	Capstan motor ON/OFF control signal output (Not used)
93	$\overline{\text{STEREO}}$	I	Stereo detection signal from tuner
94	$\overline{\text{TUNED}}$	I	Tuned detection signal from tuner
95	ST-CE	O	Latch signal output for tuner
96	$\overline{\text{DELAY SEL MIC}}$	O	Not used
97	$\overline{\text{DELAY ON}}$	O	Not used (Connected to ground)
98	DELAY LEVEL A	O	
99	DELAY LEVEL B	O	
100	V _{DD}	—	+5V

SECTION 7 EXPLODED VIEWS

NOTE:

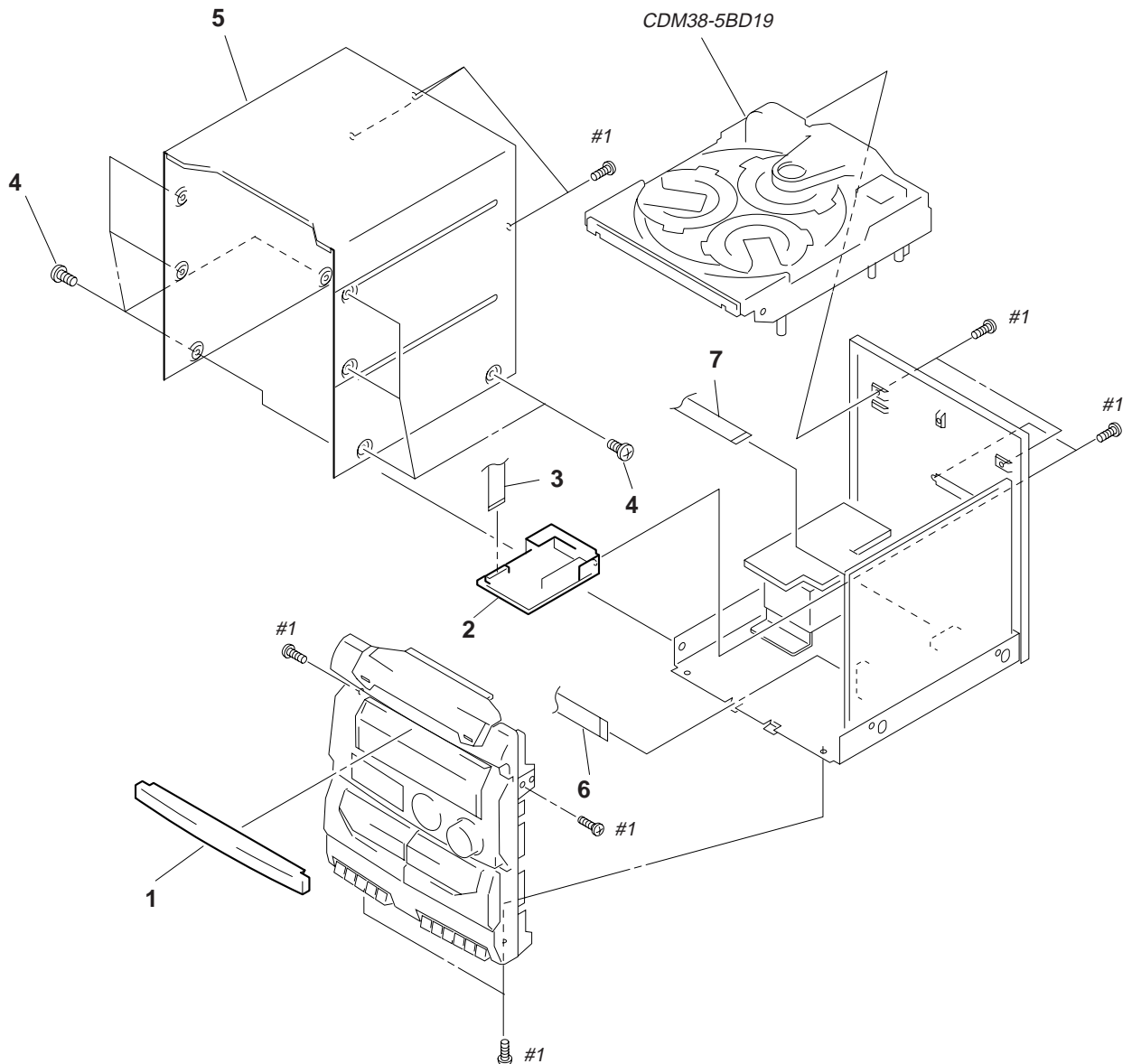
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Color Indication of Appearance Parts Example:
KNOB, BALANCE (WHITE) . . . (RED)
↓ ↓
Parts color Cabinets color
- The mechanical parts with no reference number in the exploded views are not supplied.

- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
CND : Canadian model
G : German model
EE : East European model
SAF : South African model
MX : Mexican model
AR : Argentine model
AUS : Australian model

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

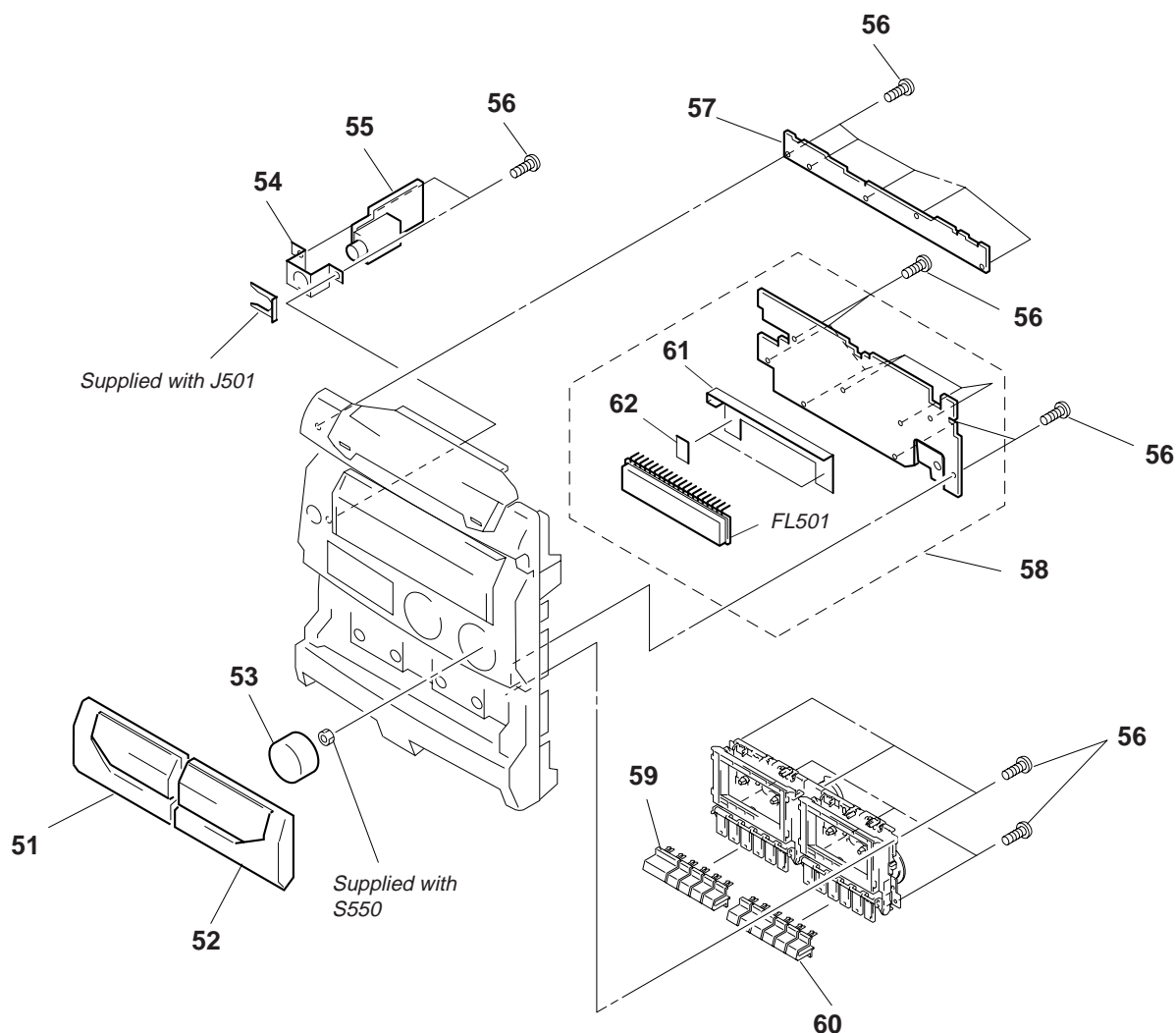
Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

7-1. CASE SECTION



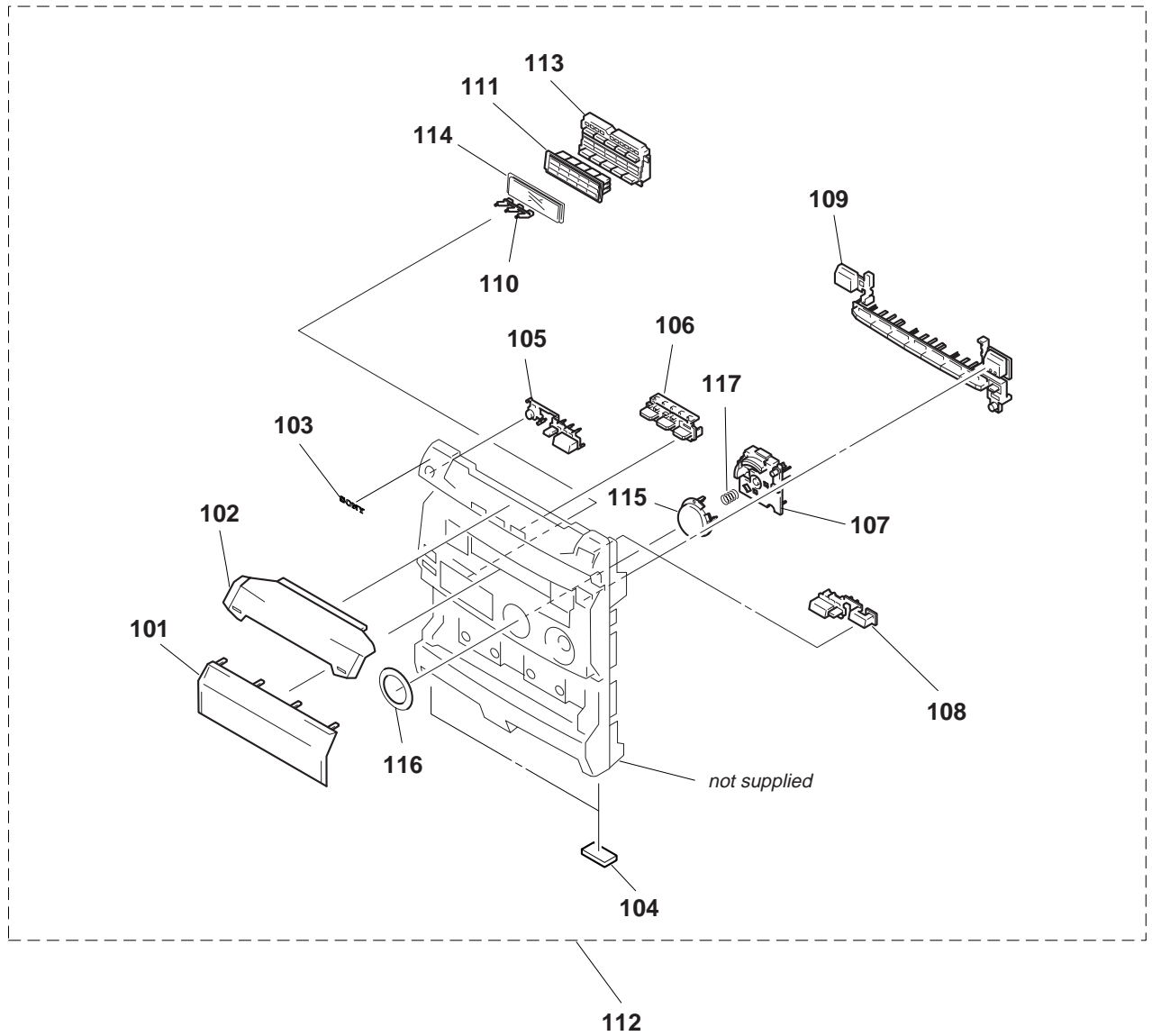
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-988-802-01	PANEL, LOADING (BLACK)(RX30)		3	1-769-977-11	WIRE (FLAT TYPE)(13 CORE)(GR3:SAF)	
1	4-988-802-11	PANEL, LOADING (BLACK)(GR3)		3	1-782-079-11	WIRE (FLAT TYPE)(13 CORE)	
1	4-988-802-21	PANEL, LOADING (SILVER)(GR3)				(GR3:EXCEPT SAF/RX30:US,CND)	
1	4-988-802-31	PANEL, LOADING (SILVER)(RX30)		3	1-782-081-11	WIRE (FLAT TYPE)(15 CORE)	
* 2	A-4303-514-A	TCB BOARD, COMPLETE (AEP, UK)				(RX30:AEP,UK,G,EE)	
* 2	A-4303-515-A	TCB BOARD, COMPLETE (G)		4	3-363-099-01	SCREW (CASE 3 TP2)	
* 2	A-4303-516-A	TCB BOARD, COMPLETE (EE)		* 5	4-978-748-01	CASE (BLACK)	
2	1-233-544-11	ENCAPSULATED COMPONENT (RX30:US,CND)		* 5	4-983-736-01	CASE (SILVER)	
2	1-233-545-11	ENCAPSULATED COMPONENT		6	1-773-020-11	WIRE (FLAT TYPE)(15 CORE)(SAF)	
		(GR3:EXCEPT SAF)		6	1-782-082-11	WIRE (FLAT TYPE)(15 CORE)(EXCEPT SAF)	
2	1-233-546-11	ENCAPSULATED COMPONENT (GR3:SAF)		7	1-776-240-11	WIRE (FLAT TYPE)(19 CORE)	

7-2. FRONT PANEL SECTION 1



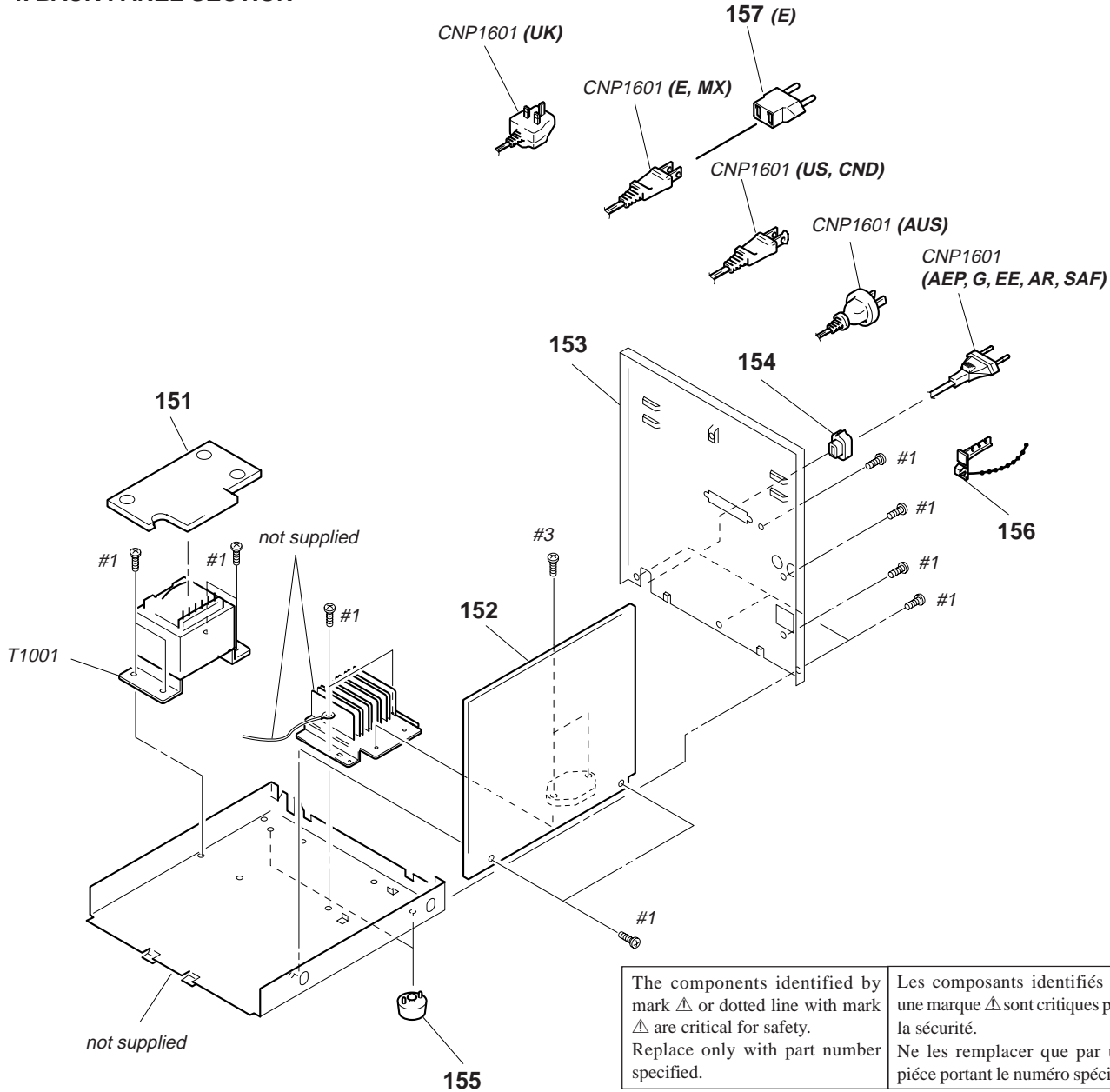
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-4948-140-1	LID (A) ASSY, CASSETTE (SILVER)		* 58	A-4392-601-A	PANEL BOARD, COMPLETE (EXCEPT SAF)	
51	X-4948-247-1	LID (A) ASSY, CASSETTE (BLACK)		* 58	A-4398-500-A	PANEL BOARD, COMPLETE (SAF)	
52	X-4948-141-1	LID (B) ASSY, CASSETTE (SILVER)		59	4-978-826-01	BUTTON (MD-A)(BLACK)	
52	X-4948-248-1	LID (B) ASSY, CASSETTE (BLACK)		59	4-978-826-21	BUTTON (MD-A)(SILVER)	
53	4-991-934-01	KNOB (VOL)(BLACK)		60	4-978-827-01	BUTTON (MD-A)(BLACK)	
53	4-991-934-11	KNOB (VOL)(SILVER)		60	4-978-827-21	BUTTON (MD-B)(SILVER)	
* 54	4-978-830-01	BRACKET, HP		* 61	4-978-168-01	HOLDER, FL TUBE	
* 55	1-664-647-11	HP BOARD		* 62	4-932-810-11	CUSHION (FL)	
56	4-951-620-01	SCREW (2.6X8), +BVTP		FL501	1-517-660-11	INDICATOR TUBE, FLUORESCENT	
* 57	1-664-648-11	CD SW BOARD					

7-3. FRONT PANEL SECTION 2



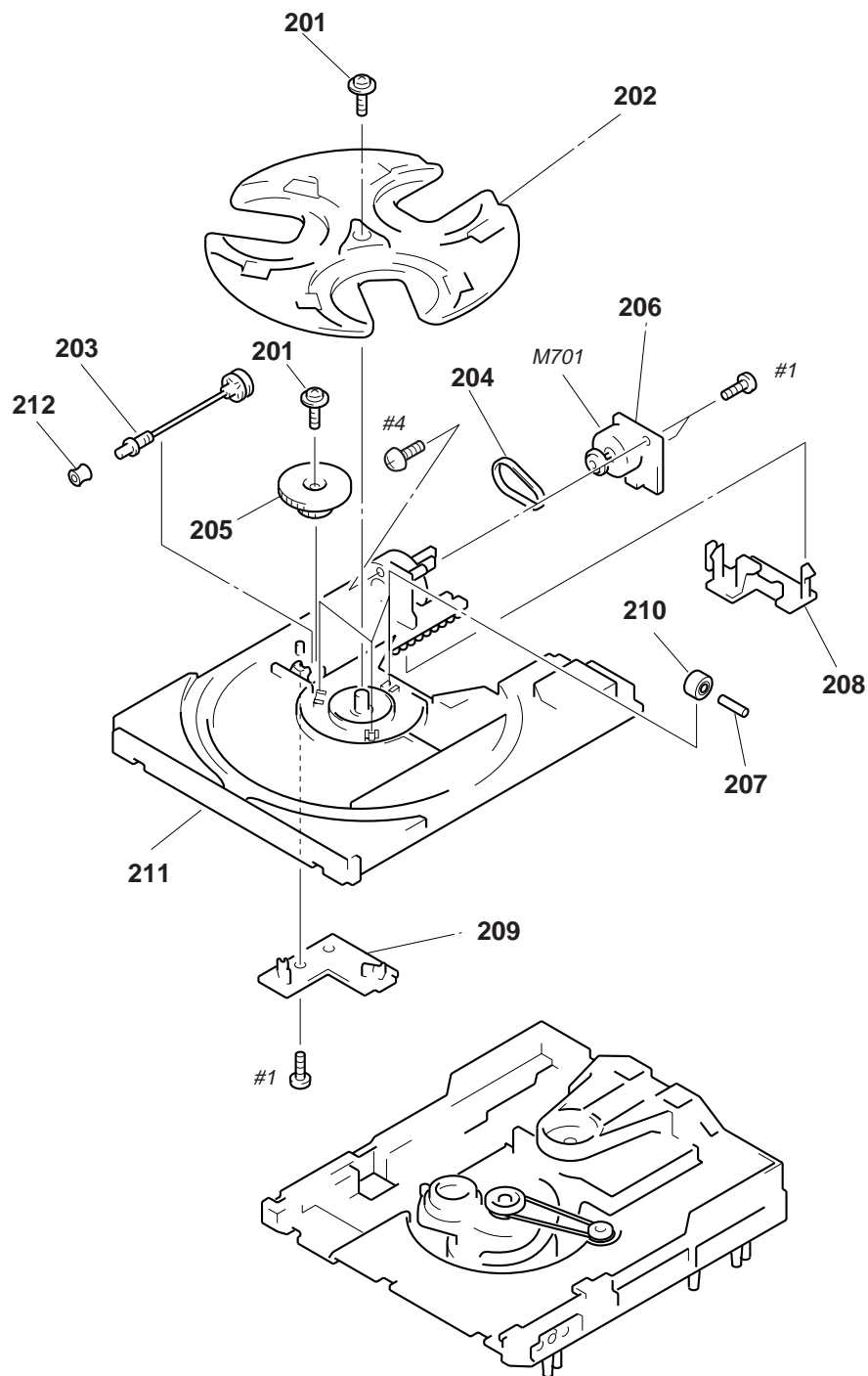
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	4-978-716-01	WINDOW (FL)		109	X-4948-246-1	BUTTON (T/B) ASSY (SILVER)	
102	4-978-715-01	WINDOW (3-CD)		110	4-978-739-01	INDICATOR (CLIP)	
103	4-962-708-11	EMBLEM (4-A), SONY		111	4-978-742-01	HOLDER (MULTI), LED	
104	4-930-336-61	FOOT (FELT)					
105	4-978-723-01	BUTTON (POWER)(BLACK)		112	X-4948-138-1	PANEL ASSY, FRONT (BLACK)	
				112	X-4948-242-1	PANEL ASSY, FRONT (SILVER)	
105	4-989-282-01	BUTTON (POWER)(SILVER)		113	4-978-824-21	BUTTON (MULTI)(SILVER)	
106	X-4946-703-1	BUTTON (3-CD) ASSY		113	4-978-824-01	BUTTON (MULTI)(BLACK)	
107	X-4946-716-1	BUTTON (ENTER/NEXT) ASSY (BLACK)		114	4-989-402-11	PLATE (MULTI), ORNAMENTAL (SILVER)	
107	X-4948-252-1	BUTTON (ENTER/NEXT) ASSY (SILVER)					
108	X-4946-698-1	BUTTON (CD-PLAY) ASSY (BLACK)		114	4-989-402-01	PLATE (MULTI), ORNAMENTAL (BLACK)	
				115	4-978-828-01	KNOB, CURSOR	
108	X-4948-251-1	BUTTON (CD-PLAY) ASSY (SILVER)		116	4-978-858-01	PLATE, CURSOR ORNAMENTAL	
109	X-4948-139-1	BUTTON (T/B) ASSY (BLACK)		117	4-958-595-01	SPRING, COMPRESSION	

7-4. BACK PANEL SECTION



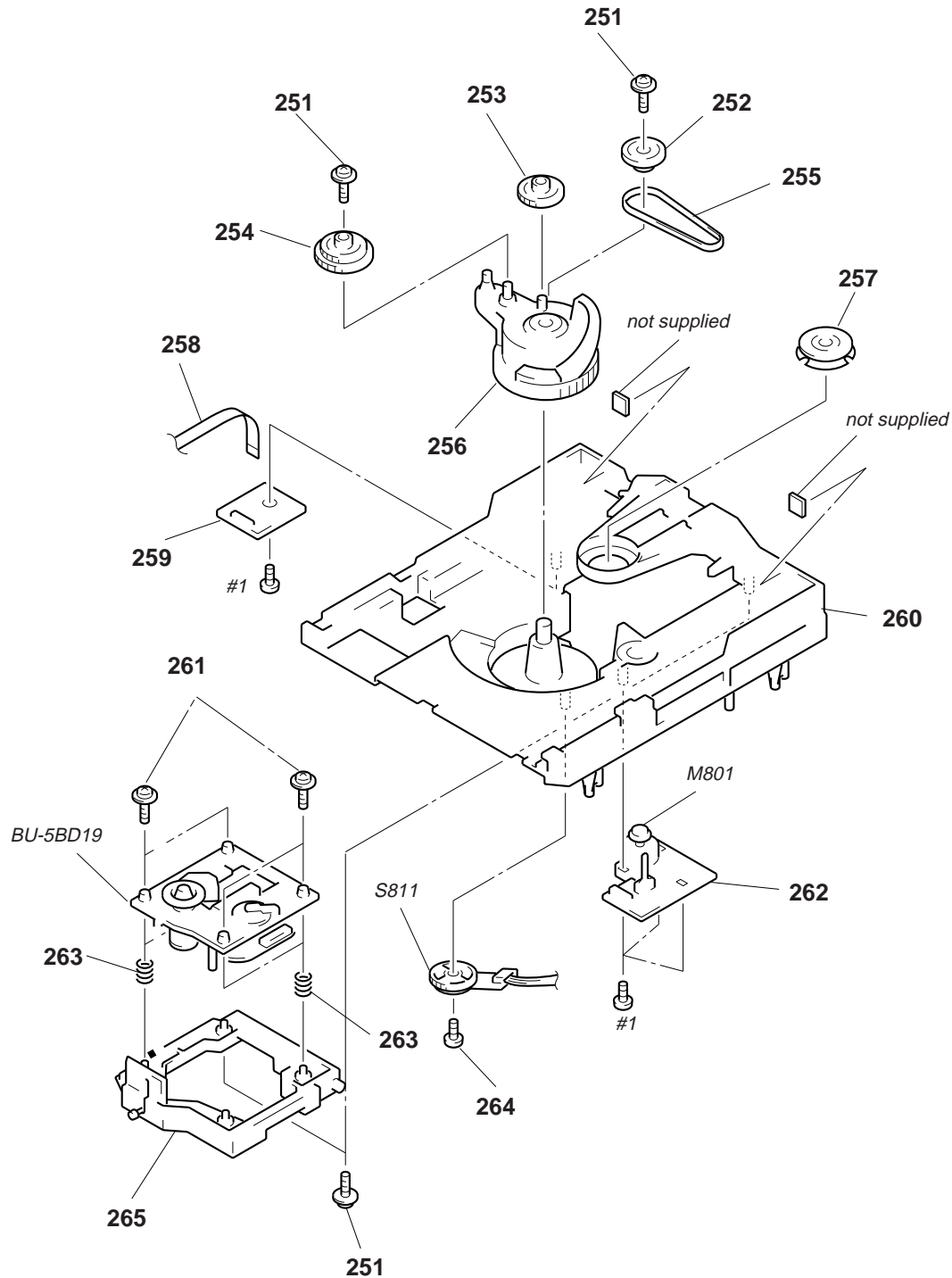
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 151	1-664-649-11	TRANSFORMER BOARD		* 153	4-988-811-31	PANEL, BACK (RX30:EE)	
* 152	A-4392-597-A	MAIN BOARD, COMPLETE (GR3:E,MX,AR)		* 153	4-988-804-41	PANEL, BACK (GR3:SAF)	
* 152	A-4398-503-A	MAIN BOARD, COMPLETE (GR3:SAF)		* 154	3-703-244-00	BUSHING (2104), CORD (EXCEPT E, MX)	
* 152	A-4392-605-A	MAIN BOARD, COMPLETE (RX30:US,CND)		154	3-703-571-11	BUSHING (S)(4516), CORD (E, MX)	
* 152	A-4392-614-A	MAIN BOARD, COMPLETE (RX30:AEP,UK)		155	4-965-822-01	FOOT	
* 152	A-4392-618-A	MAIN BOARD, COMPLETE (RX30:G)		156	4-956-370-12	BAND, PLUG FIXED (GR3:AUS/RX30:UK)	
* 152	A-4392-621-A	MAIN BOARD, COMPLETE (GR3:AUS)		Δ 157	1-569-007-11	ADAPTOR, CONVERSION (E)	
* 152	A-4392-764-A	MAIN BOARD, COMPLETE (RX30:EE)		Δ CNP1601	1-782-315-11	CORD, POWER (E, MX)	
* 153	4-988-804-01	PANEL, BACK (GR3:E)		Δ CNP1601	1-690-608-11	CORD, POWER (AUS)	
* 153	4-988-804-11	PANEL, BACK (GR3:AUS)		Δ CNP1601	1-690-609-21	CORD, POWER (CND)	
* 153	4-988-804-21	PANEL, BACK (GR3:MX)		Δ CNP1601	1-777-070-11	CORD, POWER (US)	
* 153	4-988-804-31	PANEL, BACK (GR3:AR)		Δ CNP1601	1-777-071-11	CORD, POWER (AEP, G, EE, AR)	
* 153	4-988-810-01	PANEL, BACK (RX30:US)		Δ CNP1601	1-575-651-11	CORD, POWER (SAF)	
* 153	4-988-810-11	PANEL, BACK (RX30:CND)		Δ CNP1601	1-777-512-11	CORD, POWER (UK)	
* 153	4-988-811-01	PANEL, BACK (RX30:AEP)		Δ T1001	1-431-127-11	TRANSFORMER, POWER (GR3)	
* 153	4-988-811-11	PANEL, BACK (RX30:G)		Δ T1001	1-431-128-11	TRANSFORMER, POWER (RX30:US,CND)	
* 153	4-988-811-21	PANEL, BACK (RX30:UK)		Δ T1001	1-431-129-11	TRANSFORMER, POWER (RX30:AEP,UK,G,EE)	

7-5. CD MECHANISM SECTION 1 (CDM38-5BD19)



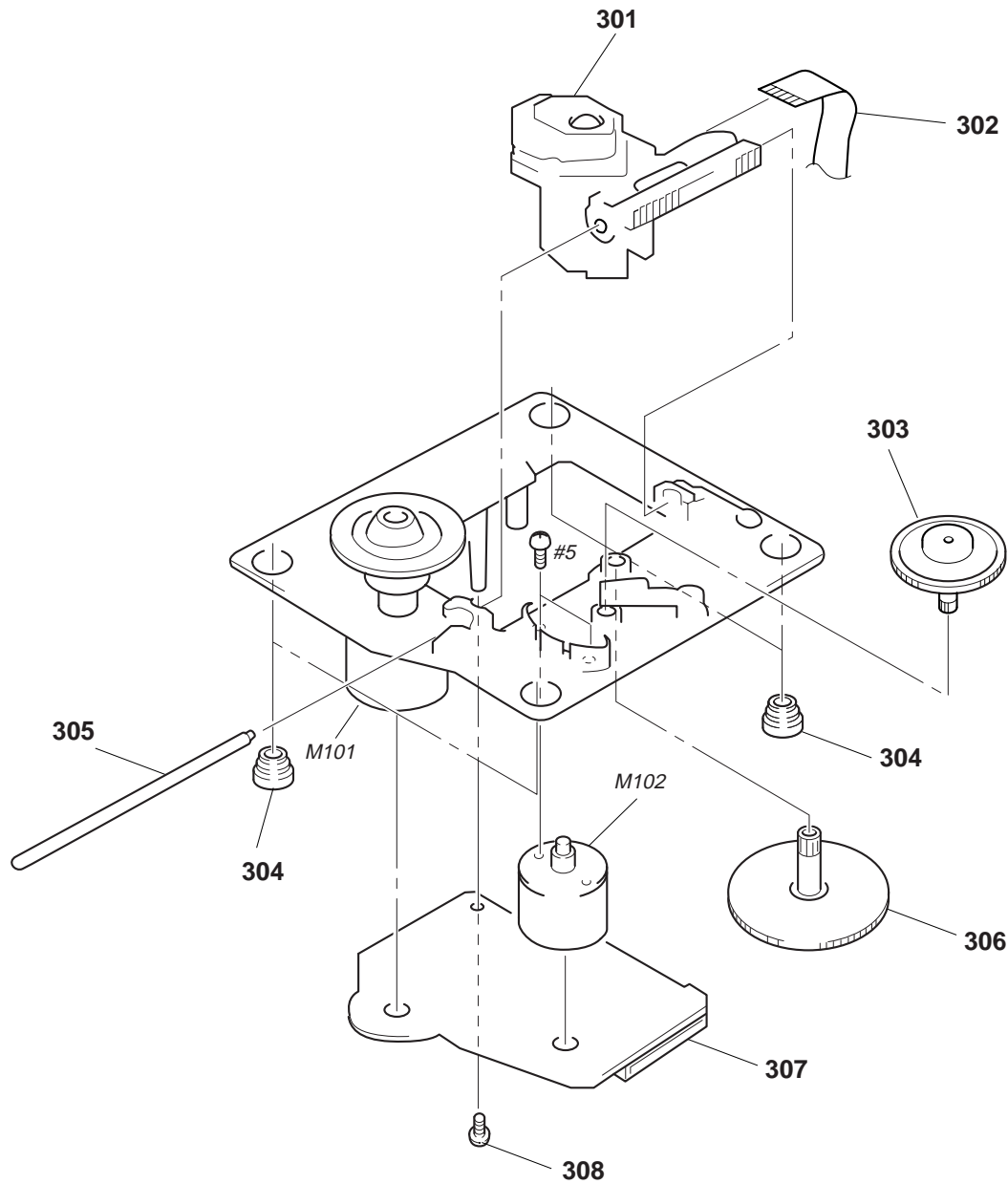
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	4-917-583-21	BRACKET, YOKE		208	4-977-941-01	BEARING (WORM)	
202	4-977-945-01	TRAY (TURN)		* 209	1-658-576-11	SENSOR BOARD	
203	X-4946-665-1	SHAFT ASSY, WORM		210	4-934-376-01	SHAFT (ROLLER)	
204	4-977-943-01	BELT (TURN) (1.2)		211	4-977-944-01	TRAY (SLIDE)	
205	4-977-956-01	WHEEL, WORM		212	4-981-187-01	COLLAR (WORM)	
* 206	1-658-577-11	MOTOR (TURN) BOARD		M701	A-4672-004-A	MOTOR ASSY (TURN)	
207	X-4924-457-1	ROLLER ASSY					

7-6. CD MECHANISM SECTION 2 (CDM38-5BD19)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	4-917-583-71	BRACKET, YOKE		* 260	X-4946-668-1	CHASSIS (CDM) ASSY	
252	4-977-954-01	PULLEY (SL)		261	4-985-672-01	SCREW (+PTPWHM2.6), FLOATING	
253	4-977-953-01	GEAR (SL-A)		* 262	1-658-578-11	MOTOR (SLIDE) BOARD	
254	4-977-955-01	GEAR (SL-B)		263	4-982-447-01	SPRING (BU), COMPRESSION	
255	4-977-942-01	BELT (SL) (1.4)		264	4-951-620-41	SCREW (2.6), +BVTP	
256	X-4946-667-1	CAM ASSY, BU		* 265	X-4946-666-1	HOLDER (BU) ASSY	
257	1-452-538-11	MAGNET		M801	A-4672-004-A	MOTOR ASSY (SLIDE)	
258	1-776-042-11	WIRE (FLAT TYPE) (8 CORE)		S811	1-473-335-11	ENCODER, ROTARY (BU, TRAY ADDRESS DET)	
* 259	1-658-575-11	CONNECTOR BOARD					

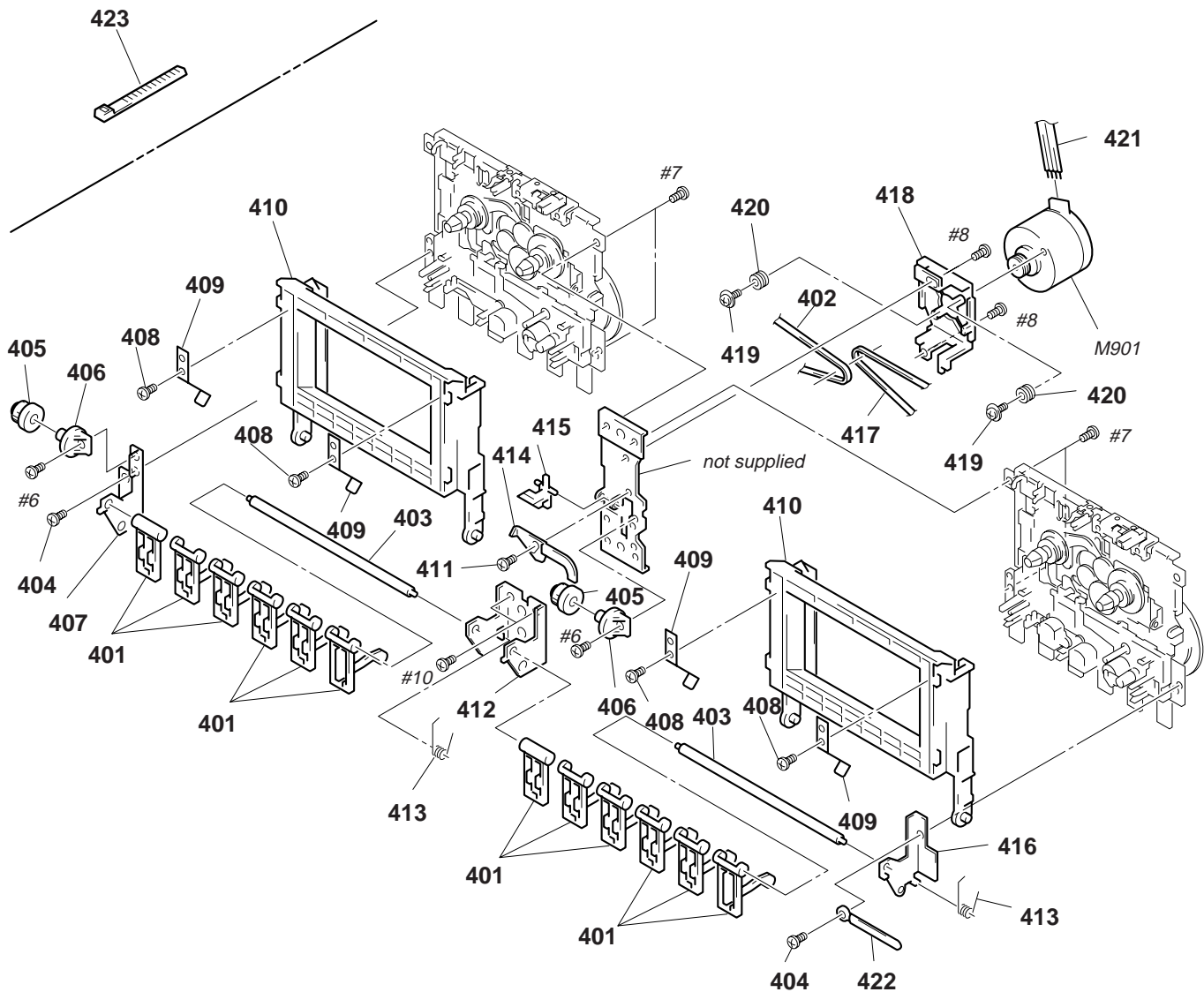
7-7. BASE UNIT SECTION (BU-5BD19)



The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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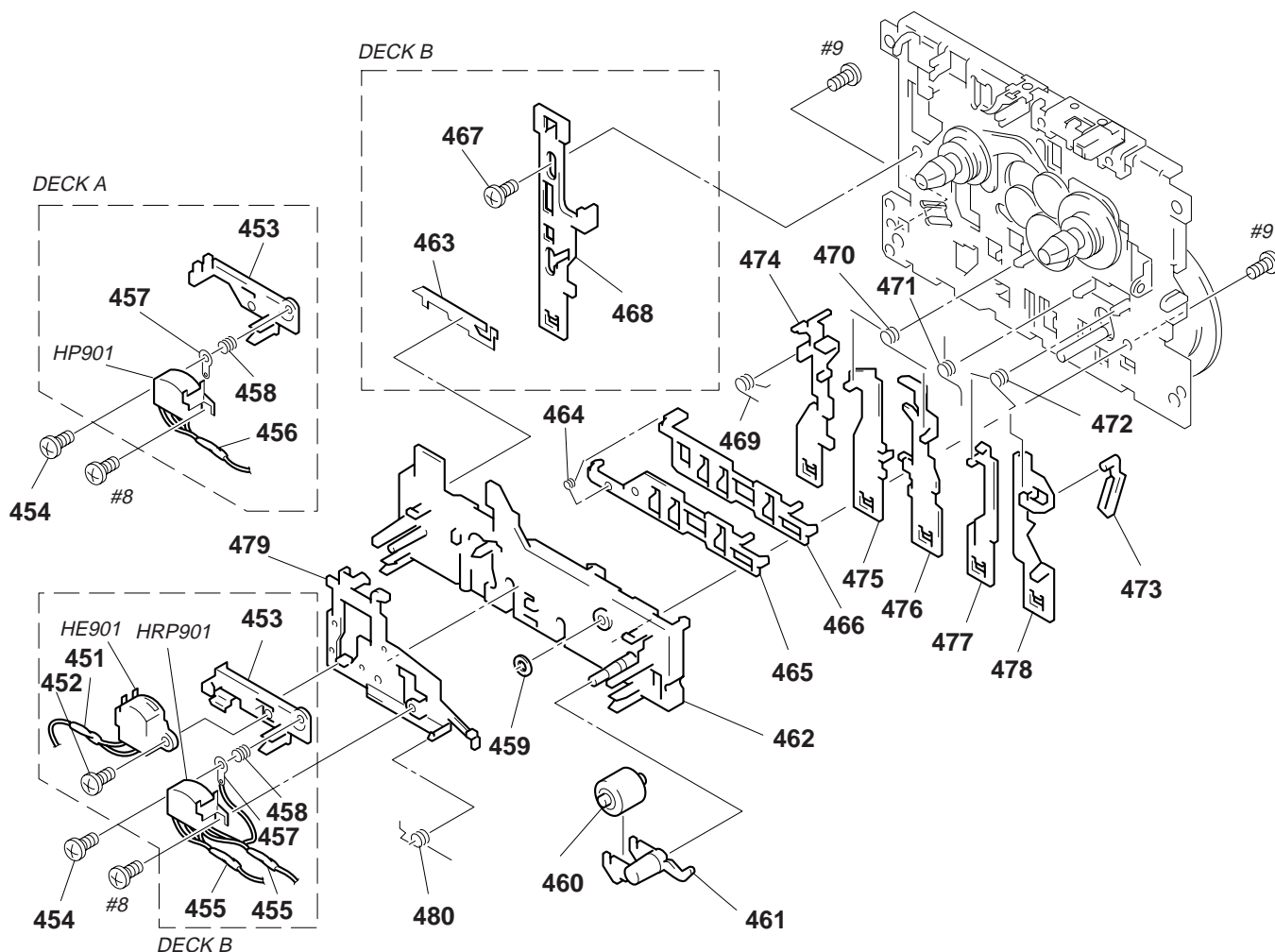
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
\triangle 301	8-848-367-11	OPTICAL PICK-UP KSS-213B/K-N		306	4-917-564-01	GEAR (P), FLATNESS	
302	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)		* 307	A-4673-402-A	BD BOARD, COMPLETE	
303	4-917-567-01	GEAR (M)		308	4-951-620-01	SCREW (2.6X8), +BVTP	
304	4-951-940-01	INSULATOR (BU)		M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
305	4-917-565-01	SHAFT, SLED		M102	X-4917-504-1	MOTOR ASSY (SLED)	

7-8. TC MECHANISM SECTION 1 (TCM-YSW47C24)



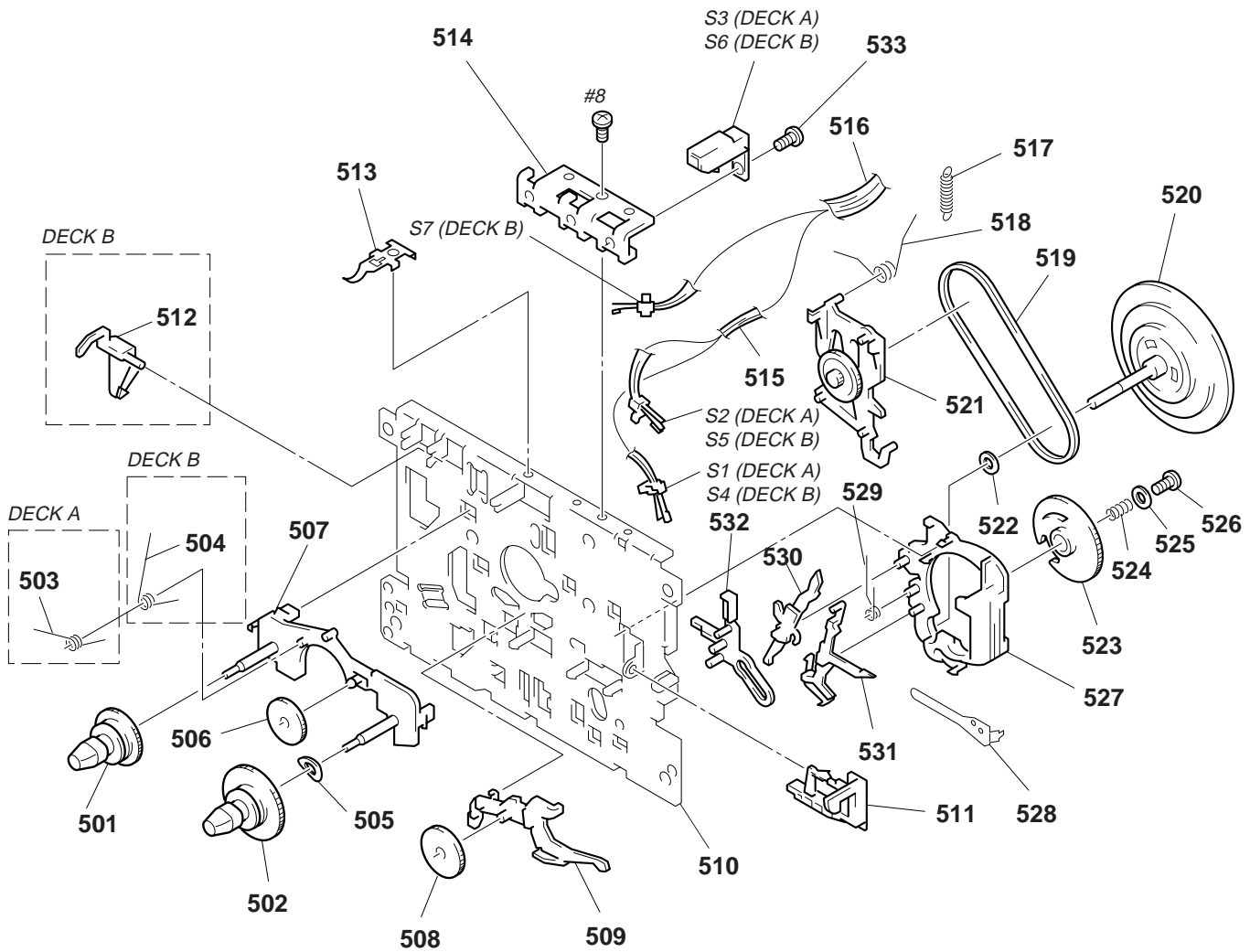
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
401	3-931-802-01	BUTTON, LEVER		413	3-931-805-01	SPRING	
402	3-918-734-01	BELT		* 414	3-369-927-01	ARM, CONNECT	
* 403	3-931-794-01	BUTTON, SHAFT		415	3-369-928-01	ARM, RELEASE	
404	3-918-741-01	SCREW					
405	3-931-807-01	DAMPER, GEAR		* 416	3-931-792-01	BUTTON (R), HOLDER	
				417	3-369-931-01	BELT	
406	3-931-806-01	GEAR, HOLDER		* 418	3-918-742-01	HOLDER, MOTOR	
* 407	3-931-793-01	BUTTON (L), HOLDER		419	3-343-896-01	SCREW, MOTOR	
408	3-931-790-01	SCREW		420	3-343-897-01	WASHER, RUBBER	
* 409	3-931-804-01	PLATE, KEEP					
410	3-931-803-01	CASE, CASSETTE		421	3-937-331-01	MOTOR, WIRE	
				* 422	3-931-808-01	LUG, PLATE	
411	3-931-791-01	SCREW		423	3-701-748-00	CLAMP	
412	3-931-809-01	BUTTON (S), HOLDER		M901	X-3372-231-1	MOTOR ASSY (REEL/CAPSTAN)	

7-9. TC MECHANISM SECTION 2 (TCM-YSW47C24)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
451	1-500-322-11	HEAD, WIRE (E)		467	3-362-958-01	SCREW	
452	3-931-789-01	SCREW		* 468	3-362-947-01	LEVER, REC	
453	1-500-319-11	HEAD, HOLDER (DECK B)		469	3-362-954-01	SPRING	
453	3-362-986-01	HOLDER, HEAD (DECK A)		470	3-362-955-01	SPRING	
454	3-363-229-01	SCREW		471	3-362-956-01	SPRING	
455	1-500-320-11	HEAD, WIRE R/P (DECK B)		472	3-932-552-01	SPRING	
456	1-500-321-11	HEAD, WIRE P.B (DECK A)		473	3-362-953-01	ARM, PAUSE	
457	3-390-817-01	LUG		* 474	3-362-948-01	LEVER, PLAY	
458	3-362-985-01	SPRING		* 475	3-362-949-01	LEVER, REW	
459	3-362-980-01	WASHER		* 476	3-362-950-01	LEVER, FF	
460	3-362-982-01	PINCH ROLLER		* 477	3-362-951-01	LEVER, SE	
461	3-362-981-01	PINCH ARM		* 478	3-362-952-01	LEVER, PAUSE	
462	3-362-942-01	FRAME ASSY		* 479	3-362-984-01	HEAD (BASE)	
463	3-362-944-01	STOPPER, REC		480	3-362-983-01	SPRING	
464	3-362-945-01	SPRING		HE901	1-500-318-11	HEAD, E (ERASE)(DECK B)	
* 465	3-362-943-01	PLATE, FUNCTION		HP901	1-543-424-21	HEAD (PLAYBACK)(DECK A)	
* 466	3-362-946-01	LEVER, SW		HRP901	1-543-424-21	HEAD (RECORD/PLAYBACK)(DECK B)	

7-10. TC MECHANISM SECTION 3 (TCM-YSW47C24)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
501	X-3363-611-1	REEL, S		521	3-362-969-01	IDLER ASSY, PF	
502	3-362-962-01	REEL ASSY, T		522	3-918-736-01	WASHER	
503	3-372-120-01	SPRING		523	X-3363-315-1	GEAR, CAM	
504	3-918-735-01	SPRING		524	3-369-962-01	SPRING, COMPRESSION	
505	3-932-553-01	PLATE SPRING BT		525	3-369-961-01	WASHER	
506	3-362-965-01	IDLER, FF		526	3-366-352-01	SCREW	
507	3-362-961-01	SPINDLE (BASE)		527	3-362-973-01	AS (BASE)	
508	3-362-960-01	PULLEY, IDLER		528	3-362-978-01	SPRING, PLATE	
509	3-362-959-01	ARM, IDLER		529	3-362-977-01	SPRING	
* 510	3-362-941-01	CHASSIS		530	3-362-976-01	LEVER, CONTROL	
511	3-362-968-01	LEVER, EJECT		531	3-362-975-01	LEVER, SENSOR	
512	3-362-966-01	INTER LOCK		532	3-387-697-01	SENSOR	
513	3-918-744-01	SPRING, CASSETTE		533	3-918-741-01	SCREW	
514	1-762-610-11	SWITCH, PLATE		S1	1-571-556-11	SWITCH, LEAF (MOTOR)(DECK A)	
515	1-762-613-11	SWITCH, WIRE LEAF		S2	1-571-745-11	SWITCH, LEAF (PLAY)(DECK A)	
516	1-762-612-11	SWITCH, WIRE LEAF		S3	1-762-611-11	SWITCH, LEAF (TYPE 2)(DECK A)	
517	3-362-971-01	SPRING		S4	1-571-556-11	SWITCH, LEAF (MOTOR)(DECK B)	
518	3-362-970-01	SPRING		S5	1-571-745-11	SWITCH, LEAF (PLAY)(DECK B)	
519	3-918-734-01	BELT		S6	1-762-611-11	SWITCH, LEAF (TYPE 2)(DECK B)	
520	3-369-921-01	FW ASSY		S7	1-571-556-11	SWITCH, LEAF (REC)(DECK B)	

SECTION 8 ELECTRICAL PARTS LIST

BD

Note:

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
All resistors are in ohms
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F : nonflammable

- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,
uPC...: μ PC..., uPD...: μ PD...
- CAPACITORS
uF : μ F
- COILS
uH : μ H
- Abbreviation
CND : Canadian model
EE : East European model
MX : Mexican model
AR : Argentine model
AUS : Australian model
SAF : South African model
G : German model

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark							
*	A-4673-402-A	BD BOARD, COMPLETE					C147	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V					
		*****					C148	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V					
		< CAPACITOR >					C149	1-164-346-11	CERAMIC CHIP	1uF		16V					
C101	1-126-607-11	ELECT CHIP	47uF	20%	4V	C153	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V						
C102	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	C154	1-163-235-11	CERAMIC CHIP	22PF	5%	50V						
C103	1-164-346-11	CERAMIC CHIP	1uF		16V	< CONNECTOR >											
C105	1-163-038-91	CERAMIC CHIP	0.1uF		25V	CNU101	1-770-014-11	CONNECTOR, FFC/FPC 16P									
C106	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V				CNU102	1-770-013-11	CONNECTOR, FFC/FPC 19P						
									< IC >								
C107	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	IC101	8-752-069-56	IC CXA1782BQ									
C108	1-164-232-11	CERAMIC CHIP	0.01uF		50V				IC102	8-759-291-06	IC BA6397FP						
C109	1-164-232-11	CERAMIC CHIP	0.01uF		50V							IC103	8-752-372-94	IC CXD2507AQ			
C110	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V										IC104	8-759-185-29	IC PCM1710U-B
C111	1-163-038-91	CERAMIC CHIP	0.1uF		25V	< MOTOR >											
C112	1-163-038-91	CERAMIC CHIP	0.1uF		25V	M101	X-4917-523-4	MOTOR ASSY (SPINDLE)									
C113	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V				M102	X-4917-504-1	MOTOR ASSY (SLED)						
C114	1-164-005-11	CERAMIC CHIP	0.47uF		25V	< TRANSISTOR >											
C115	1-126-607-11	ELECT CHIP	47uF	20%	4V	Q101	8-729-010-08	TRANSISTOR MSB710-R									
C116	1-163-016-00	CERAMIC CHIP	0.0039uF	10%	50V				Q102	8-729-424-08	TRANSISTOR UN2111						
C117	1-164-005-11	CERAMIC CHIP	0.47uF		25V							Q103	8-729-421-22	TRANSISTOR UN2211			
C118	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V	< RESISTOR >											
C119	1-163-038-91	CERAMIC CHIP	0.1uF		25V	R102	1-216-001-00	METAL CHIP	10	5%	1/10W						
C120	1-135-201-11	TANTALUM CHIP	10uF	20%	4V							R103	1-216-049-91	METAL GLAZE	1K	5%	1/10W
C121	1-163-038-91	CERAMIC CHIP	0.1uF		25V												
C122	1-164-232-11	CERAMIC CHIP	0.01uF		50V	R105	1-216-093-00	METAL CHIP	68K	5%	1/10W						
C123	1-163-038-91	CERAMIC CHIP	0.1uF		25V							R106	1-216-093-00	METAL CHIP	68K	5%	1/10W
C124	1-126-607-11	ELECT CHIP	47uF	20%	4V												
C125	1-164-232-11	CERAMIC CHIP	0.01uF		50V	R108	1-216-093-00	METAL CHIP	68K	5%	1/10W						
C126	1-163-038-91	CERAMIC CHIP	0.1uF		25V							R109	1-216-097-91	METAL GLAZE	100K	5%	1/10W
C127	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V												
C128	1-163-135-00	CERAMIC CHIP	560PF	5%	50V	R113	1-216-083-00	METAL CHIP	27K	5%	1/10W						
C129	1-163-038-91	CERAMIC CHIP	0.1uF		25V							R114	1-216-101-00	METAL CHIP	150K	5%	1/10W
C130	1-164-336-11	CERAMIC CHIP	0.33uF		25V												
C131	1-163-038-91	CERAMIC CHIP	0.1uF		25V	R116	1-216-061-00	METAL CHIP	3.3K	5%	1/10W						
C132	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V							R117	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
C133	1-163-145-00	CERAMIC CHIP	0.0015uF	5%	50V												
C134	1-164-346-11	CERAMIC CHIP	1uF		16V	R119	1-216-089-91	METAL GLAZE	47K	5%	1/10W						
C135	1-163-251-11	CERAMIC CHIP	100PF	5%	50V							R120	1-216-089-91	METAL GLAZE	47K	5%	1/10W
C136	1-164-005-11	CERAMIC CHIP	0.47uF		25V												
C137	1-164-232-11	CERAMIC CHIP	0.01uF		50V	R122	1-216-097-91	METAL GLAZE	100K	5%	1/10W						
C139	1-163-235-11	CERAMIC CHIP	22PF	5%	50V							R123	1-216-099-00	METAL CHIP	120K	5%	1/10W
C140	1-163-235-11	CERAMIC CHIP	22PF	5%	50V												
C141	1-163-038-91	CERAMIC CHIP	0.1uF		25V												
C142	1-163-038-91	CERAMIC CHIP	0.1uF		25V												
C145	1-135-201-11	TANTALUM CHIP	10uF	20%	4V												
C146	1-135-201-11	TANTALUM CHIP	10uF	20%	4V												

BD	CD SW	CONNECTOR	HP
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Ref. No.	Part No.	Description	Remark		
R124	1-216-091-00	METAL CHIP	56K	5%	1/10W
R125	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R126	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R127	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R128	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R129	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R130	1-216-079-00	METAL CHIP	18K	5%	1/10W
R131	1-216-079-00	METAL CHIP	18K	5%	1/10W
R132	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R133	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R134	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R135	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R136	1-216-073-00	METAL CHIP	10K	5%	1/10W
R137	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R138	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R139	1-216-033-00	METAL CHIP	220	5%	1/10W
R140	1-216-081-00	METAL CHIP	22K	5%	1/10W
R141	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R142	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R143	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R144	1-216-073-00	METAL CHIP	10K	5%	1/10W
R145	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R146	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R147	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R148	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R149	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R150	1-216-037-00	METAL CHIP	330	5%	1/10W
R151	1-216-037-00	METAL CHIP	330	5%	1/10W
R152	1-216-037-00	METAL CHIP	330	5%	1/10W
R153	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R154	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R156	1-216-085-00	METAL CHIP	33K	5%	1/10W
R157	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R158	1-216-001-00	METAL CHIP	10	5%	1/10W
< VARIABLE RESISTOR >					
RV101	1-241-396-11	RES, ADJ, METAL GLAZE 22K			
RV102	1-241-396-11	RES, ADJ, METAL GLAZE 22K			
RV103	1-241-396-11	RES, ADJ, METAL GLAZE 22K			
< SWITCH >					
S101	1-572-085-11	SWITCH, LEAF (LIMIT)			
< VIBRATOR >					
X101	1-579-280-11	VIBRATOR, CRYSTAL (16.9344MHz)			

*	1-664-648-11	CD SW BOARD	*****		
< DIODE >					
D551	8-719-056-13	DIODE SML79423C-TP15 (DISC 3)			
D552	8-719-056-13	DIODE SML79423C-TP15 (DISC 3)			
D553	8-719-056-13	DIODE SML79423C-TP15 (DISC 2)			
D554	8-719-056-13	DIODE SML79423C-TP15 (DISC 2)			
D555	8-719-056-13	DIODE SML79423C-TP15 (DISC 1)			
D556	8-719-056-13	DIODE SML79423C-TP15 (DISC 1)			

Ref. No.	Part No.	Description	Remark		
D583	8-719-056-13	DIODE SML79423C-TP15 (▷▯▯)			
< RESISTOR >					
R501	1-249-401-11	CARBON	47	5%	1/4W F
R502	1-249-403-11	CARBON	68	5%	1/4W F
R503	1-247-807-31	CARBON	100	5%	1/4W
R504	1-249-407-11	CARBON	150	5%	1/4W F
R505	1-249-407-11	CARBON	150	5%	1/4W F
R506	1-249-409-11	CARBON	220	5%	1/4W F
R507	1-249-411-11	CARBON	330	5%	1/4W
R508	1-249-413-11	CARBON	470	5%	1/4W F
R551	1-249-403-11	CARBON	68	5%	1/4W F
R552	1-249-403-11	CARBON	68	5%	1/4W F
R553	1-249-403-11	CARBON	68	5%	1/4W F
R554	1-249-403-11	CARBON	68	5%	1/4W F
R555	1-249-403-11	CARBON	68	5%	1/4W F
R556	1-249-403-11	CARBON	68	5%	1/4W F
R583	1-249-403-11	CARBON	68	5%	1/4W F
R584	1-249-403-11	CARBON	68	5%	1/4W F
< SWITCH >					
S500	1-762-196-21	SWITCH, TACT (POWER)			
S501	1-762-196-21	SWITCH, TACT (LOOP)			
S502	1-762-196-21	SWITCH, TACT (DISC SKIP, EX-CHANGE)			
S503	1-762-196-21	SWITCH, TACT (DISC 1)			
S504	1-762-196-21	SWITCH, TACT (DISC 2)			
S505	1-762-196-21	SWITCH, TACT (DISC 3)			
S506	1-762-196-21	SWITCH, TACT (≡ OPEN/CLOSE)			
S507	1-762-196-21	SWITCH, TACT (▀)			
S508	1-762-196-21	SWITCH, TACT (▷▯▯)			

*	1-658-575-11	CONNECTOR BOARD	*****		
< CONNECTOR >					
* CN701	1-568-946-11	PIN, CONNECTOR 8P			
CN702	1-750-413-11	CONNECTOR, FFC/FPC 8P			
< TRANSISTOR >					
Q701	8-729-900-80	TRANSISTOR DTC114ES			
< RESISTOR >					
R703	1-249-435-11	CARBON	33K	5%	1/4W
R704	1-249-429-11	CARBON	10K	5%	1/4W
R705	1-249-417-11	CARBON	1K	5%	1/4W F

*	1-664-647-11	HP BOARD	*****		
< CAPACITOR >					
C519	1-162-294-31	CERAMIC	0.001uF	10%	50V
C520	1-162-294-31	CERAMIC	0.001uF	10%	50V
C521	1-162-294-31	CERAMIC	0.001uF	10%	50V

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
		< CONNECTOR >					C335	1-162-286-31	CERAMIC	220PF	10%	50V	
CN503	1-506-468-11	PIN, CONNECTOR 3P					C336	1-162-286-31	CERAMIC	220PF	10%	50V	
		< JACK >					C340	1-126-961-11	ELECT	2.2uF	20%	50V	
							C351	1-130-478-00	MYLAR	0.0039uF	5%	50V	
J501	1-770-226-11	JACK (LARGE TYPE)(PHONES)					C352	1-130-478-00	MYLAR	0.0039uF	5%	50V	
							C353	1-162-305-11	CERAMIC	0.0068uF	30%	16V	
*****							C354	1-130-482-00	MYLAR	0.0082uF	5%	50V	
*	A-4392-597-A	MAIN BOARD, COMPLETE (GR3:E,MX,AR) *****					C355	1-126-961-11	ELECT	2.2uF	20%	50V	
							C356	1-130-487-00	MYLAR	0.022uF	5%	50V	
							C357	1-126-934-11	ELECT	220uF	20%	16V	
							C360	1-130-848-00	FILM	0.0082uF	5%	100V	
*	A-4392-605-A	MAIN BOARD, COMPLETE (RX30:US,CND) *****					C381	1-126-933-11	ELECT	100uF	20%	16V	
							C382	1-126-933-11	ELECT	100uF	20%	16V	
							C383	1-126-933-11	ELECT	100uF	20%	16V	
							C384	1-126-933-11	ELECT	100uF	20%	16V	
*	A-4392-614-A	MAIN BOARD, COMPLETE (RX30:AEP,UK) *****					C385	1-126-964-11	ELECT	10uF	20%	50V	
							C386	1-126-964-11	ELECT	10uF	20%	50V	
							C388	1-126-934-11	ELECT	220uF	20%	16V	
							C389	1-162-306-11	CERAMIC	0.01uF	20%	16V	
*	A-4392-618-A	MAIN BOARD, COMPLETE (RX30:G) *****					C390	1-162-282-31	CERAMIC	100PF	10%	50V	
							C391	1-126-934-11	ELECT	220uF	20%	16V	
							C392	1-126-934-11	ELECT	220uF	20%	16V	
							C400	1-162-282-31	CERAMIC	100PF	10%	50V	
*	A-4392-621-A	MAIN BOARD, COMPLETE (GR3:AUS) *****					C401	1-162-290-31	CERAMIC	470PF	10%	50V	
							C402	1-136-157-00	FILM	0.022uF	5%	50V	
							C403	1-126-964-11	ELECT	10uF	20%	50V	
							C404	1-162-292-31	CERAMIC	680PF	10%	50V	
*	A-4392-764-A	MAIN BOARD, COMPLETE (RX30:EE) *****					C410	1-162-282-31	CERAMIC	100PF	10%	50V	
							C411	1-162-289-31	CERAMIC	390PF	10%	50V	
							C412	1-136-157-00	FILM	0.022uF	5%	50V	
							C413	1-126-964-11	ELECT	10uF	20%	50V	
*	A-4398-503-A	MAIN BOARD, COMPLETE (GR3:SAF) *****					C415	1-126-934-11	ELECT	220uF	20%	16V	
							C421	1-130-479-00	MYLAR	0.0047uF	5%	50V	
							C422	1-126-960-11	ELECT	1uF	20%	50V	
							C423	1-126-963-11	ELECT	4.7uF	20%	50V	
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S < CAPACITOR >					C424	1-136-165-00	FILM	0.1uF	5%	50V	
							C426	1-126-960-11	ELECT	1uF	20%	50V	
							C428	1-126-963-11	ELECT	4.7uF	20%	50V	
							C429	1-162-291-31	CERAMIC	560PF	10%	50V	
C201	1-126-961-11	ELECT	2.2uF	20%	50V	C430	1-162-301-11	CERAMIC	0.0015uF	30%	16V		
C202	1-162-600-11	CERAMIC	0.0047uF	30%	16V	C431	1-107-599-11	CERAMIC	27PF	5%	500V		
C203	1-126-925-11	ELECT	470uF	20%	10V	C432	1-101-890-00	CERAMIC	75PF	5%	50V		
C204	1-162-282-31	CERAMIC	100PF	10%	50V	C433	1-162-288-31	CERAMIC	330PF	10%	50V		
C205	1-162-282-31	CERAMIC	100PF	10%	50V	C434	1-102-973-00	CERAMIC	100PF	5%	50V		
C251	1-126-961-11	ELECT	2.2uF	20%	50V	C435	1-162-286-31	CERAMIC	220PF	10%	50V		
C252	1-162-600-11	CERAMIC	0.0047uF	30%	16V	C452	1-164-159-11	CERAMIC	0.1uF		50V		
C300	1-162-282-31	CERAMIC	100PF	10%	50V	C453	1-126-960-11	ELECT	1uF	20%	50V		
C301	1-162-290-31	CERAMIC	470PF	10%	50V	C701	1-162-306-11	CERAMIC	0.01uF	20%	16V		
C302	1-136-157-00	FILM	0.022uF	5%	50V	C702	1-126-926-11	ELECT	1000uF	20%	10V		
C303	1-126-964-11	ELECT	10uF	20%	50V	C703	1-126-964-11	ELECT	10uF	20%	50V		
C304	1-162-292-31	CERAMIC	680PF	10%	50V	C704	1-136-165-00	FILM	0.1uF	5%	50V		
C310	1-162-282-31	CERAMIC	100PF	10%	50V	C705	1-136-165-00	FILM	0.1uF	5%	50V		
C311	1-162-289-31	CERAMIC	390PF	10%	50V	C706	1-126-965-11	ELECT	22uF	20%	50V		
C312	1-136-157-00	FILM	0.022uF	5%	50V	C707	1-162-205-31	CERAMIC	18PF	5%	50V		
C313	1-126-964-11	ELECT	10uF	20%	50V	C708	1-162-205-31	CERAMIC	18PF	5%	50V		
C315	1-126-934-11	ELECT	220uF	20%	16V	C710	1-162-306-11	CERAMIC	0.01uF	20%	16V		
C321	1-130-479-00	MYLAR	0.0047uF	5%	50V	C713	1-162-306-11	CERAMIC	0.01uF	20%	16V		
C322	1-126-960-11	ELECT	1uF	20%	50V								
C323	1-126-963-11	ELECT	4.7uF	20%	50V								
C324	1-136-165-00	FILM	0.1uF	5%	50V								
C326	1-126-960-11	ELECT	1uF	20%	50V								
C328	1-126-963-11	ELECT	4.7uF	20%	50V								
C329	1-162-291-31	CERAMIC	560PF	10%	50V								
C330	1-162-301-11	CERAMIC	0.0015uF	30%	16V								
C331	1-107-599-11	CERAMIC	27PF	5%	500V								
C332	1-101-890-00	CERAMIC	75PF	5%	50V								
C333	1-162-288-31	CERAMIC	330PF	10%	50V								
C334	1-102-973-00	CERAMIC	100PF	5%	50V								

MAIN

Ref. No.	Part No.	Description	Remark		
C730	1-126-964-11	ELECT	10uF	20%	50V
C810	1-162-306-11	CERAMIC	0.01uF	20%	16V
C811	1-162-306-11	CERAMIC	0.01uF	20%	16V
C821	1-162-286-31	CERAMIC	220PF	10%	50V
			(RX30:AEP,UK,G,EE)		
C871	1-162-286-31	CERAMIC	220PF	10%	50V
			(RX30:AEP,UK,G,EE)		
C901	1-136-169-00	FILM	0.22uF	5%	50V
C902	1-136-169-00	FILM	0.22uF	5%	50V
C903	1-136-495-11	FILM	0.068uF	5%	50V
C904	1-136-495-11	FILM	0.068uF	5%	50V
C905	1-136-156-00	FILM	0.018uF	5%	50V
C906	1-136-156-00	FILM	0.018uF	5%	50V
C907	1-130-480-00	MYLAR	0.0056uF	5%	50V
C908	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C909	1-130-474-00	MYLAR	0.0018uF	5%	50V
C910	1-126-964-11	ELECT	10uF	20%	50V
C911	1-126-964-11	ELECT	10uF	20%	50V
C912	1-136-165-00	FILM	0.1uF	5%	50V
C913	1-136-165-00	FILM	0.1uF	5%	50V
C914	1-126-964-11	ELECT	10uF	20%	50V
C915	1-130-479-00	MYLAR	0.0047uF	5%	50V
C932	1-126-961-11	ELECT	2.2uF	20%	50V
C933	1-126-959-11	ELECT	0.47uF	20%	50V
C935	1-126-961-11	ELECT	2.2uF	20%	50V
C936	1-126-964-11	ELECT	10uF	20%	50V
C938	1-162-290-31	CERAMIC	470PF	10%	50V
C939	1-126-967-11	ELECT	47uF	20%	10V
C940	1-126-967-11	ELECT	47uF	20%	10V
C951	1-136-169-00	FILM	0.22uF	5%	50V
C952	1-136-169-00	FILM	0.22uF	5%	50V
C953	1-136-495-11	FILM	0.068uF	5%	50V
C954	1-136-495-11	FILM	0.068uF	5%	50V
C955	1-136-156-00	FILM	0.018uF	5%	50V
C956	1-136-156-00	FILM	0.018uF	5%	50V
C957	1-130-480-00	MYLAR	0.0056uF	5%	50V
C958	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C959	1-130-474-00	MYLAR	0.0018uF	5%	50V
C960	1-126-964-11	ELECT	10uF	20%	50V
C961	1-126-964-11	ELECT	10uF	20%	50V
C962	1-136-165-00	FILM	0.1uF	5%	50V
C963	1-136-165-00	FILM	0.1uF	5%	50V
C964	1-126-964-11	ELECT	10uF	20%	50V
C965	1-130-479-00	MYLAR	0.0047uF	5%	50V
C1001	1-126-974-11	ELECT	3300uF	20%	50V
C1002	1-126-974-11	ELECT	3300uF	20%	50V
C1004	1-126-935-11	ELECT	470uF	20%	6.3V
C1005	1-126-964-11	ELECT	10uF	20%	50V
C1006	1-126-933-11	ELECT	100uF	20%	10V
C1007	1-126-935-11	ELECT	470uF	20%	16V
C1008	1-126-933-11	ELECT	100uF	20%	16V
C1009	1-126-942-61	ELECT	1000uF	20%	25V
C1010	1-164-159-11	CERAMIC	0.1uF		50V
C1011	1-164-159-11	CERAMIC	0.1uF		50V
C1012	1-126-964-11	ELECT	10uF	20%	50V
C1013	1-126-916-11	ELECT	1000uF	20%	6.3V
C1014	1-126-964-11	ELECT	10uF	20%	50V
C1015	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark
C1016	1-126-925-11	ELECT	470uF	20%	10V
C1017	1-126-925-11	ELECT	470uF	20%	10V
C1020	1-126-964-11	ELECT	10uF	20%	50V
C1021	1-126-964-11	ELECT	10uF	20%	50V
C1022	1-126-968-11	ELECT	100uF	20%	50V
C1023	1-126-968-11	ELECT	100uF	20%	50V
C1024	1-126-943-11	ELECT	2200uF	20%	25V
C1025	1-126-943-11	ELECT	2200uF	20%	25V
C1028	1-136-157-00	FILM	0.022uF	5%	50V
C1029	1-136-157-00	FILM	0.022uF	5%	50V
C1201	1-126-963-11	ELECT	4.7uF	20%	50V
C1202	1-162-288-31	CERAMIC	330PF	10%	50V
C1203	1-162-286-31	CERAMIC	220PF	10%	50V
C1204	1-126-967-11	ELECT	47uF	20%	10V
C1205	1-126-967-11	ELECT	47uF	20%	50V
C1207	1-136-165-00	FILM	0.1uF	5%	50V
C1208	1-126-965-11	ELECT	22uF	20%	50V
C1210	1-136-495-11	FILM	0.068uF	5%	50V
C1211	1-136-495-11	FILM	0.068uF	5%	50V
C1220	1-126-933-11	ELECT	100uF	20%	10V
C1221	1-126-933-11	ELECT	100uF	20%	10V
C1222	1-126-923-11	ELECT	220uF	20%	10V
C1223	1-126-923-11	ELECT	220uF	20%	10V
C1224	1-126-961-11	ELECT	2.2uF	20%	50V
C1230	1-162-306-11	CERAMIC	0.01uF	20%	16V
				(RX30:AEP,UK,G,EE)	
C1246	1-164-159-11	CERAMIC	0.1uF		50V
				(RX30:AEP,UK,G,EE)	
C1248	1-136-495-11	FILM	0.068uF	5%	50V
				(RX30:AEP,UK,G,EE)	
C1249	1-136-495-11	FILM	0.068uF	5%	50V
				(RX30:AEP,UK,G,EE)	
C1250	1-162-306-11	CERAMIC	0.01uF	20%	16V
				(RX30:AEP,UK,G,EE)	
C1251	1-126-963-11	ELECT	4.7uF	20%	50V
C1252	1-162-288-31	CERAMIC	330PF	10%	50V
C1253	1-162-286-31	CERAMIC	220PF	10%	50V
C1254	1-126-967-11	ELECT	47uF	20%	10V
C1255	1-126-967-11	ELECT	47uF	20%	50V
C1257	1-136-165-00	FILM	0.1uF	5%	50V
C1260	1-136-495-11	FILM	0.068uF	5%	50V
C1261	1-136-495-11	FILM	0.068uF	5%	50V
C1296	1-164-159-11	CERAMIC	0.1uF		50V
				(RX30:AEP,UK,G,EE)	
C1298	1-136-495-11	FILM	0.068uF	5%	50V
				(RX30:AEP,UK,G,EE)	
C1299	1-136-495-11	FILM	0.068uF	5%	50V
				(RX30:AEP,UK,G,EE)	
C1300	1-162-306-11	CERAMIC	0.01uF	20%	16V
				(RX30:AEP,UK,G,EE)	
		< CONNECTOR >			
	CN201	1-770-067-11	CONNECTOR, FFC/FPC 19P		
*	CN202	1-568-936-11	PIN, CONNECTOR 9P		
*	CN203	1-568-935-11	PIN, CONNECTOR 8P		
*	CN250	1-568-832-11	SOCKET, CONNECTOR 13P (GR3/RX30:US,CND)		
*	CN250	1-568-834-11	SOCKET, CONNECTOR 15P (RX30:AEP,UK,G,EE)		
	CN301	1-564-506-11	PLUG, CONNECTOR 3P		
*	CN302	1-564-509-11	PLUG, CONNECTOR 6P		

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CN303	1-564-505-11	PLUG, CONNECTOR 2P				< IC >	
* CN304	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P		IC301	8-759-710-59	IC NJM4580D-D	
* CN305	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P		IC302	8-759-710-59	IC NJM4580D-D	
				IC303	8-759-289-38	IC HA12195NT	
* CN306	1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P		IC304	8-759-143-54	IC uPC1330HA	
* CN307	1-568-449-11	HOUSING, CONNECTOR (PC BOARD) 3P		IC701	8-759-459-27	IC TMP87CS64YF-6536	
* CN308	1-568-449-11	HOUSING, CONNECTOR (PC BOARD) 3P					
* CN701	1-568-834-11	SOCKET, CONNECTOR 15P		IC702	8-759-165-80	IC PST600C-T	
		< DIODE >		IC802	8-759-000-48	IC MC14052BCP	
D201	8-719-987-63	DIODE 1N4148M		IC901	8-759-331-39	IC M62427FP	
D202	8-719-987-63	DIODE 1N4148M		IC1001	8-759-231-53	IC TA7805S	
D381	8-719-024-99	DIODE 11ES2-NTA2B		IC1002	8-759-604-86	IC M5F7807L	
D382	8-719-024-99	DIODE 11ES2-NTA2B					
D383	8-719-024-99	DIODE 11ES2-NTA2B		IC1003	8-759-604-86	IC M5F7807L	
				IC1004	8-759-604-90	IC M5F7907L	
D384	8-719-987-63	DIODE 1N4148M		IC1201	8-749-920-09	IC STK-4152MK2K (GR3/RX30:AEP,UK,G,EE)	
D385	8-719-987-63	DIODE 1N4148M		IC1201	8-749-900-24	IC STK-4162MK2 (RX30:US,CND)	
D386	8-719-024-99	DIODE 11ES2-NTA2B		IC1202	8-759-111-68	IC uPC1237HA	
D387	8-719-024-99	DIODE 11ES2-NTA2B				< JACK >	
D450	8-719-987-63	DIODE 1N4148M		J801	1-774-725-11	JACK, PIN 2P (VIDEO IN)	
				J802	1-774-785-11	JACK, PIN 1P (SUPER WOOFER)	(GR3/RX30:US,CND)
D451	8-719-987-63	DIODE 1N4148M					
D452	8-719-987-63	DIODE 1N4148M				< COIL >	
D453	8-719-987-63	DIODE 1N4148M					
D701	8-719-987-63	DIODE 1N4148M		L301	1-410-780-11	INDUCTOR 27mH	
D702	8-719-987-63	DIODE 1N4148M		L351	1-414-223-11	INDUCTOR 470uH	
				L401	1-410-780-11	INDUCTOR 27mH	
D703	8-719-987-63	DIODE 1N4148M		L1201	1-420-872-00	COIL, AIR-CORE (RX30:AEP,UK,G,EE)	
D704	8-719-987-63	DIODE 1N4148M		L1251	1-420-872-00	COIL, AIR-CORE (RX30:AEP,UK,G,EE)	
D705	8-719-987-63	DIODE 1N4148M				< TRANSISTOR >	
D706	8-719-024-99	DIODE 11ES2-NTA2B					
D707	8-719-987-63	DIODE 1N4148M		Q301	8-729-119-79	TRANSISTOR 2SC2785-FEK	
				Q351	8-729-194-57	TRANSISTOR 2SC945-P	
D708	8-719-987-63	DIODE 1N4148M		Q352	8-729-194-57	TRANSISTOR 2SC945-P	
D901	8-719-987-63	DIODE 1N4148M		Q353	8-729-119-77	TRANSISTOR 2SA1175-FEK	
D939	8-719-987-63	DIODE 1N4148M		Q354	8-729-119-79	TRANSISTOR 2SC2785-FEK	
D940	8-719-987-63	DIODE 1N4148M					
D1001	8-719-024-99	DIODE 11ES2-NTA2B		Q380	8-729-900-89	TRANSISTOR DTC144ES	
				Q381	8-729-900-65	TRANSISTOR DTA144ES	
D1003	8-719-028-23	DIODE D3SBA20-4101		Q382	8-729-900-89	TRANSISTOR DTC144ES	
D1007	8-719-987-63	DIODE 1N4148M		Q401	8-729-119-79	TRANSISTOR 2SC2785-FEK	
D1008	8-719-001-42	DIODE UZL-11M1		Q450	8-729-900-65	TRANSISTOR DTA144ES	
D1009	8-719-987-63	DIODE 1N4148M					
D1010	8-719-987-63	DIODE 1N4148M		Q451	8-729-900-89	TRANSISTOR DTC144ES	
				Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D1013	8-719-024-99	DIODE 11ES2-NTA2B		Q820	8-729-422-57	TRANSISTOR UN4111	
D1014	8-719-024-99	DIODE 11ES2-NTA2B		Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D1017	8-719-024-99	DIODE 11ES2-NTA2B		Q902	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D1023	8-719-934-18	DIODE HZS27-2L					
D1024	8-719-024-99	DIODE 11ES2-NTA2B		Q951	8-729-119-78	TRANSISTOR 2SC2785-HFE	
				Q952	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D1025	8-719-024-99	DIODE 11ES2-NTA2B		Q953	8-729-141-26	TRANSISTOR 2SC3622A-LK	
D1026	8-719-024-99	DIODE 11ES2-NTA2B		Q954	8-729-141-26	TRANSISTOR 2SC3622A-LK	
D1027	8-719-024-99	DIODE 11ES2-NTA2B		Q1001	8-729-118-01	TRANSISTOR 2SB1116-K	
D1059	8-719-987-63	DIODE 1N4148M					
D1069	8-719-987-63	DIODE 1N4148M		Q1002	8-729-900-36	TRANSISTOR DTC124ES	
				Q1006	8-729-141-83	TRANSISTOR 2SB1094-LK	
D1201	8-719-987-63	DIODE 1N4148M		Q1011	8-729-021-82	TRANSISTOR 2SD2396K	
D1202	8-719-987-63	DIODE 1N4148M		Q1201	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
D1204	8-719-987-63	DIODE 1N4148M		Q1202	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D1205	8-719-987-63	DIODE 1N4148M					
D1251	8-719-987-63	DIODE 1N4148M		Q1203	8-729-119-76	TRANSISTOR 2SA1175-HFE	
				Q1204	8-729-900-63	TRANSISTOR DTA124ES	
D1309	8-719-987-63	DIODE 1N4148M		Q1205	8-729-900-36	TRANSISTOR DTC124ES	
D1310	8-719-987-63	DIODE 1N4148M					

MAIN

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
Q1206	8-729-900-80	TRANSISTOR	DTC114ES				R426	1-249-428-11	CARBON	8.2K	5%	1/4W	F
Q1207	8-729-422-57	TRANSISTOR	UN4111				R427	1-247-840-00	CARBON	2.4K	5%	1/4W	
							R428	1-249-433-11	CARBON	22K	5%	1/4W	
Q1251	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA										
		< RESISTOR >					R429	1-249-417-11	CARBON	1K	5%	1/4W	F
							R431	1-249-430-11	CARBON	12K	5%	1/4W	
R201	1-249-415-11	CARBON	680	5%	1/4W	F	R450	1-249-429-11	CARBON	10K	5%	1/4W	
R202	1-249-435-11	CARBON	33K	5%	1/4W		R451	1-249-429-11	CARBON	10K	5%	1/4W	
R203	1-249-425-11	CARBON	4.7K	5%	1/4W	F	R452	1-249-429-11	CARBON	10K	5%	1/4W	
R208	1-249-425-11	CARBON	4.7K	5%	1/4W	F							
R251	1-249-415-11	CARBON	680	5%	1/4W	F	R453	1-249-429-11	CARBON	10K	5%	1/4W	
							R454	1-249-429-11	CARBON	10K	5%	1/4W	
R252	1-249-435-11	CARBON	33K	5%	1/4W		R455	1-249-429-11	CARBON	10K	5%	1/4W	
R301	1-247-889-00	CARBON	270K	5%	1/4W		R456	1-249-429-11	CARBON	10K	5%	1/4W	
R302	1-249-404-00	CARBON	82	5%	1/4W	F	R457	1-247-864-11	CARBON	24K	5%	1/4W	
R303	1-247-882-11	CARBON	130K	5%	1/4W								
R304	1-247-850-11	CARBON	6.2K	5%	1/4W		R458	1-249-429-11	CARBON	10K	5%	1/4W	
							R459	1-249-440-11	CARBON	82K	5%	1/4W	
R311	1-247-889-00	CARBON	270K	5%	1/4W		R460	1-247-862-11	CARBON	20K	5%	1/4W	
R312	1-249-404-00	CARBON	82	5%	1/4W	F	R461	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R313	1-247-882-11	CARBON	130K	5%	1/4W		R462	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R314	1-247-850-11	CARBON	6.2K	5%	1/4W								
R315	1-249-433-11	CARBON	22K	5%	1/4W		R463	1-249-429-11	CARBON	10K	5%	1/4W	
							R464	1-249-429-11	CARBON	10K	5%	1/4W	
R320	1-249-432-11	CARBON	18K	5%	1/4W		R701	1-249-429-11	CARBON	10K	5%	1/4W	
R321	1-249-429-11	CARBON	10K	5%	1/4W		R702	1-249-437-11	CARBON	47K	5%	1/4W	
R322	1-249-431-11	CARBON	15K	5%	1/4W		R703	1-249-437-11	CARBON	47K	5%	1/4W	
R323	1-249-432-11	CARBON	18K	5%	1/4W								
R324	1-249-417-11	CARBON	1K	5%	1/4W	F	R704	1-249-429-11	CARBON	10K	5%	1/4W	
							R705	1-249-429-11	CARBON	10K	5%	1/4W	
R325	1-249-421-11	CARBON	2.2K	5%	1/4W	F	R706	1-249-429-11	CARBON	10K	5%	1/4W	
R326	1-249-428-11	CARBON	8.2K	5%	1/4W	F	R708	1-249-415-11	CARBON	680	5%	1/4W	F
R327	1-247-840-00	CARBON	2.4K	5%	1/4W		R709	1-249-429-11	CARBON	10K	5%	1/4W	
R328	1-249-433-11	CARBON	22K	5%	1/4W								
R329	1-249-417-11	CARBON	1K	5%	1/4W	F	R712	1-249-429-11	CARBON	10K	5%	1/4W	
							R713	1-249-429-11	CARBON	10K	5%	1/4W	
R331	1-249-430-11	CARBON	12K	5%	1/4W		R714	1-249-429-11	CARBON	10K	5%	1/4W	
R351	1-249-434-11	CARBON	27K	5%	1/4W		R715	1-249-429-11	CARBON	10K	5%	1/4W	
R352	1-249-434-11	CARBON	27K	5%	1/4W		R716	1-247-807-31	CARBON	100	5%	1/4W	
△ R353	1-217-641-00	FUSIBLE	4.7	5%	1/4W	F							
△ R354	1-217-641-00	FUSIBLE	4.7	5%	1/4W	F	R717	1-247-807-31	CARBON	100	5%	1/4W	
							R718	1-247-807-31	CARBON	100	5%	1/4W	
R355	1-249-429-11	CARBON	10K	5%	1/4W		R719	1-247-807-31	CARBON	100	5%	1/4W	
R381	1-249-413-11	CARBON	470	5%	1/4W	F	R720	1-247-807-31	CARBON	100	5%	1/4W	
R382	1-249-413-11	CARBON	470	5%	1/4W	F	R721	1-247-807-31	CARBON	100	5%	1/4W	
R383	1-249-413-11	CARBON	470	5%	1/4W	F							
R384	1-249-413-11	CARBON	470	5%	1/4W	F	R724	1-247-807-31	CARBON	100	5%	1/4W	
							R725	1-247-807-31	CARBON	100	5%	1/4W	
R387	1-249-417-11	CARBON	1K	5%	1/4W	F	R726	1-247-807-31	CARBON	100	5%	1/4W	
R388	1-249-429-11	CARBON	10K	5%	1/4W		R727	1-247-807-31	CARBON	100	5%	1/4W	
R390	1-249-417-11	CARBON	1K	5%	1/4W	F	R728	1-247-807-31	CARBON	100	5%	1/4W	
R401	1-247-889-00	CARBON	270K	5%	1/4W								
R402	1-249-404-00	CARBON	82	5%	1/4W	F	R729	1-247-807-31	CARBON	100	5%	1/4W	
							R730	1-247-807-31	CARBON	100	5%	1/4W	
R403	1-247-882-11	CARBON	130K	5%	1/4W		R731	1-247-807-31	CARBON	100	5%	1/4W	
R404	1-247-850-11	CARBON	6.2K	5%	1/4W		R732	1-247-807-31	CARBON	100	5%	1/4W	
R411	1-247-889-00	CARBON	270K	5%	1/4W		R733	1-247-807-31	CARBON	100	5%	1/4W	
R412	1-249-404-00	CARBON	82	5%	1/4W	F							
R413	1-247-882-11	CARBON	130K	5%	1/4W		R734	1-247-807-31	CARBON	100	5%	1/4W	
							R735	1-247-807-31	CARBON	100	5%	1/4W	
R414	1-247-850-11	CARBON	6.2K	5%	1/4W		R736	1-247-807-31	CARBON	100	5%	1/4W	
R415	1-249-433-11	CARBON	22K	5%	1/4W		R737	1-247-807-31	CARBON	100	5%	1/4W	
R421	1-249-429-11	CARBON	10K	5%	1/4W		R738	1-247-843-11	CARBON	3.3K	5%	1/4W	
R422	1-249-431-11	CARBON	15K	5%	1/4W					(GR3/RX30:US,CND,AEP,UK,G)			
R423	1-249-432-11	CARBON	18K	5%	1/4W		R738	1-249-427-11	CARBON	6.8K	5%	1/4W	F
												(RX30:EE)	
R424	1-249-417-11	CARBON	1K	5%	1/4W	F	R739	1-249-429-11	CARBON	10K	5%	1/4W	
R425	1-249-421-11	CARBON	2.2K	5%	1/4W	F				(GR3/RX30:US,CND,AEP,UK,G)			

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Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R739	1-249-435-11	CARBON	33K	5%	1/4W (RX30:EE)	R951	1-249-425-11	CARBON	4.7K	5%	1/4W F
R740	1-249-427-11	CARBON	6.8K	5%	1/4W F (RX30:G)	R952	1-249-425-11	CARBON	4.7K	5%	1/4W F
R740	1-249-433-11	CARBON	22K	5%	1/4W (GR3:AUS)	R954	1-249-431-11	CARBON	15K	5%	1/4W
						R955	1-249-441-11	CARBON	100K	5%	1/4W
						R956	1-247-895-00	CARBON	470K	5%	1/4W
R740	1-249-429-11	CARBON	10K	5%	1/4W (RX30:AEP,UK)	R957	1-249-440-11	CARBON	82K	5%	1/4W
R740	1-249-435-11	CARBON	33K	5%	1/4W (RX30:EE)	R958	1-249-433-11	CARBON	22K	5%	1/4W
R740	1-249-425-11	CARBON	4.7K	5%	1/4W F (GR3:E,SAF,MX,AR)	R959	1-249-419-11	CARBON	1.5K	5%	1/4W F
R741	1-249-433-11	CARBON	22K	5%	1/4W (GR3:AUS)	R960	1-249-429-11	CARBON	10K	5%	1/4W
R741	1-247-843-11	CARBON	3.3K	5%	1/4W (RX30:AEP,UK,G)	R961	1-249-421-11	CARBON	2.2K	5%	1/4W F
R741	1-249-427-11	CARBON	6.8K	5%	1/4W F (GR3:E,SAF,MX,AR/RX30:EE)	R962	1-249-441-11	CARBON	100K	5%	1/4W
R742	1-247-807-31	CARBON	100	5%	1/4W	R963	1-249-429-11	CARBON	10K	5%	1/4W
R743	1-247-807-31	CARBON	100	5%	1/4W	R964	1-249-437-11	CARBON	47K	5%	1/4W
R753	1-247-807-31	CARBON	100	5%	1/4W	R970	1-247-903-00	CARBON	1M	5%	1/4W
R762	1-249-429-11	CARBON	10K	5%	1/4W	R973	1-247-903-00	CARBON	1M	5%	1/4W
R763	1-249-429-11	CARBON	10K	5%	1/4W	R1001	1-249-421-11	CARBON	2.2K	5%	1/4W F
R764	1-249-429-11	CARBON	10K	5%	1/4W	R1002	1-249-409-11	CARBON	220	5%	1/4W F
R771	1-249-429-11	CARBON	10K	5%	1/4W	R1011	1-249-421-11	CARBON	2.2K	5%	1/4W F
R772	1-249-429-11	CARBON	10K	5%	1/4W	R1023	1-249-417-11	CARBON	1K	5%	1/4W F
R773	1-249-429-11	CARBON	10K	5%	1/4W	R1201	1-249-417-11	CARBON	1K	5%	1/4W F
R821	1-249-417-11	CARBON	1K	5%	1/4W F	R1202	1-249-437-11	CARBON	47K	5%	1/4W
R822	1-249-441-11	CARBON	100K	5%	1/4W	R1203	1-249-413-11	CARBON	470	5%	1/4W F
R825	1-247-887-00	CARBON	220K	5%	1/4W	R1204	1-249-437-11	CARBON	47K	5%	1/4W
R826	1-249-441-11	CARBON	100K	5%	1/4W	R1205	1-260-103-11	CARBON	2.2K	5%	1/2W
R848	1-249-439-11	CARBON	68K	5%	1/4W (GR3/RX30:US,CND)	R1207	1-260-103-11	CARBON	2.2K	5%	1/2W
R849	1-249-439-11	CARBON	68K	5%	1/4W (GR3/RX30:US,CND)	△R1210	1-208-602-11	WIREWOUND	0.22	10%	2W F
R850	1-249-429-11	CARBON	10K	5%	1/4W (GR3/RX30:US,CND)	R1211	1-249-417-11	CARBON	1K	5%	1/4W F
R871	1-249-417-11	CARBON	1K	5%	1/4W F	R1212	1-249-431-11	CARBON	15K	5%	1/4W
R872	1-249-441-11	CARBON	100K	5%	1/4W	R1213	1-249-441-11	CARBON	100K	5%	1/4W
R901	1-249-425-11	CARBON	4.7K	5%	1/4W F	R1214	1-260-099-11	CARBON	1K	5%	1/2W
R902	1-249-425-11	CARBON	4.7K	5%	1/4W F	R1217	1-260-099-11	CARBON	1K	5%	1/2W
R904	1-249-431-11	CARBON	15K	5%	1/4W	R1218	1-260-076-11	CARBON	10	5%	1/2W
R905	1-249-441-11	CARBON	100K	5%	1/4W	R1220	1-249-389-11	CARBON	4.7	5%	1/4W F (RX30:AEP,UK,G,EE)
R906	1-247-895-00	CARBON	470K	5%	1/4W	R1221	1-249-389-11	CARBON	4.7	5%	1/4W F (RX30:AEP,UK,G,EE)
R907	1-249-440-11	CARBON	82K	5%	1/4W	R1222	1-249-409-11	CARBON	220	5%	1/4W F
R908	1-249-433-11	CARBON	22K	5%	1/4W	R1223	1-249-409-11	CARBON	220	5%	1/4W F
R909	1-249-419-11	CARBON	1.5K	5%	1/4W F	R1224	1-249-429-11	CARBON	10K	5%	1/4W
R910	1-249-429-11	CARBON	10K	5%	1/4W	R1225	1-249-429-11	CARBON	10K	5%	1/4W
R911	1-249-421-11	CARBON	2.2K	5%	1/4W F	△R1226	1-215-868-00	METAL OXIDE	680	5%	1W F
R912	1-249-441-11	CARBON	100K	5%	1/4W	R1227	1-249-429-11	CARBON	10K	5%	1/4W
						R1228	1-247-891-00	CARBON	330K	5%	1/4W
R913	1-249-429-11	CARBON	10K	5%	1/4W	R1229	1-249-429-11	CARBON	10K	5%	1/4W
R914	1-249-437-11	CARBON	47K	5%	1/4W	R1230	1-249-429-11	CARBON	10K	5%	1/4W
R920	1-249-441-11	CARBON	100K	5%	1/4W	R1231	1-249-417-11	CARBON	1K	5%	1/4W F
R921	1-249-418-11	CARBON	1.2K	5%	1/4W F	R1233	1-249-426-11	CARBON	5.6K	5%	1/4W (GR3/RX30:AEP,UK,G,EE)
R922	1-249-429-11	CARBON	10K	5%	1/4W	R1233	1-249-427-11	CARBON	6.8K	5%	1/4W F (RX30:US,CND)
R923	1-247-903-00	CARBON	1M	5%	1/4W	R1234	1-249-426-11	CARBON	5.6K	5%	1/4W (GR3/RX30:AEP,UK,G,EE)
R938	1-247-807-31	CARBON	100	5%	1/4W	R1234	1-249-427-11	CARBON	6.8K	5%	1/4W F (RX30:US,CND)
R940	1-249-429-11	CARBON	10K	5%	1/4W						
R941	1-249-429-11	CARBON	10K	5%	1/4W	R1235	1-249-435-11	CARBON	33K	5%	1/4W
R942	1-249-429-11	CARBON	10K	5%	1/4W	R1236	1-249-441-11	CARBON	100K	5%	1/4W
						R1237	1-249-429-11	CARBON	10K	5%	1/4W
						R1240	1-249-438-11	CARBON	56K	5%	1/4W
						R1241	1-249-397-11	CARBON	22	5%	1/4W F

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MAIN

MOTOR (SLIDE)

MOTOR (TURN)

Ref. No.	Part No.	Description	Remark
R1242	1-249-429-11	CARBON 10K 5% 1/4W	
R1243	1-249-383-11	CARBON 1.5 5% 1/6W F	
R1245	1-249-433-11	CARBON 22K 5% 1/4W	
R1249	1-249-389-11	CARBON 4.7 5% 1/4W F (RX30:AEP,UK,G,EE)	
R1250	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R1251	1-249-417-11	CARBON 1K 5% 1/4W F	
R1252	1-249-437-11	CARBON 47K 5% 1/4W	
R1253	1-249-413-11	CARBON 470 5% 1/4W F	
R1254	1-249-437-11	CARBON 47K 5% 1/4W	
R1255	1-260-103-11	CARBON 2.2K 5% 1/2W	
R1257	1-260-103-11	CARBON 2.2K 5% 1/2W	
△ R1260	1-208-602-11	WIREWOUND 0.22 10% 2W F	
R1261	1-249-417-11	CARBON 1K 5% 1/4W F	
R1262	1-249-431-11	CARBON 15K 5% 1/4W	
R1263	1-249-441-11	CARBON 100K 5% 1/4W	
R1268	1-260-076-11	CARBON 10 5% 1/2W	
R1270	1-249-389-11	CARBON 4.7 5% 1/4W F (RX30:AEP,UK,G,EE)	
R1271	1-249-389-11	CARBON 4.7 5% 1/4W F (RX30:AEP,UK,G,EE)	
R1272	1-249-409-11	CARBON 220 5% 1/4W F	
R1273	1-249-409-11	CARBON 220 5% 1/4W F	
R1290	1-249-437-11	CARBON 47K 5% 1/4W	
R1295	1-249-433-11	CARBON 22K 5% 1/4W	
R1299	1-249-389-11	CARBON 4.7 5% 1/4W F (RX30:AEP,UK,G,EE)	
R1303	1-249-427-11	CARBON 6.8K 5% 1/4W F (GR3/RX30:AEP,UK,G,EE)	
R1303	1-249-428-11	CARBON 8.2K 5% 1/4W F (RX30:US,CND)	
R1304	1-249-427-11	CARBON 6.8K 5% 1/4W F (GR3/RX30:AEP,UK,G,EE)	
R1304	1-249-428-11	CARBON 8.2K 5% 1/4W F (RX30:US,CND)	
< VARIABLE RESISTOR >			
RV301	1-238-600-11	RES, ADJ, CARBON 10K	
RV302	1-238-600-11	RES, ADJ, CARBON 10K	
RV303	1-238-600-11	RES, ADJ, CARBON 10K	
RV304	1-238-603-11	RES, ADJ, CARBON 100K	
RV380	1-238-599-11	RES, ADJ, CARBON 4.7K	
RV401	1-238-600-11	RES, ADJ, CARBON 10K	
RV402	1-238-600-11	RES, ADJ, CARBON 10K	
RV403	1-238-600-11	RES, ADJ, CARBON 10K	
RV404	1-238-603-11	RES, ADJ, CARBON 100K	
< RELAY >			
RY1201	1-515-920-11	RELAY (24V)	
< TRANSFORMER >			
T350	1-433-349-11	TRANSFORMER, BIAS OSCILLATION	
< TERMINAL >			
TM1201	1-537-240-31	TERMINAL BOARD (CHECKER PIN)(SPEAKER) (GR3/RX30:US,CND)	
TM1201	1-537-801-11	TERMINAL BOARD (SPEAKER) (RX30:AEP,UK,G,EE)	

Ref. No.	Part No.	Description	Remark
< VIBRATOR >			
X701	1-579-175-11	VIBRATOR, CERAMIC (10MHz)	
X702	1-567-098-41	VIBRATOR, CRYSTAL (32kHz)	

*	1-658-578-11	MOTOR (SLIDE) BOARD *****	
< CAPACITOR >			
C801	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C804	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C805	1-126-964-11	ELECT 10uF 20% 50V	
< CONNECTOR >			
* CN801	1-568-947-11	PIN, CONNECTOR 9P	
< DIODE >			
D801	8-719-010-43	DIODE UZ-5.6BS	
D804	8-719-987-63	DIODE 1N4148M	
D805	8-719-987-63	DIODE 1N4148M	
< IC >			
IC801	8-759-274-09	IC BA6286N	
< MOTOR >			
M801	A-4672-004-A	MOTOR ASSY (SLIDE)	
< RESISTOR >			
R801	1-249-401-11	CARBON 47 5% 1/4W F	
< SWITCH >			
S801	1-762-527-11	SWITCH, ROTARY (OPEN/CLOSE)	

*	1-658-577-11	MOTOR (TURN) BOARD *****	
< CAPACITOR >			
C701	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C702	1-126-964-11	ELECT 10uF 20% 50V	
C705	1-162-306-11	CERAMIC 0.01uF 20% 16V	
< CONNECTOR >			
CN703	1-750-413-11	CONNECTOR, FFC/FPC 8P	
CN704	1-506-469-11	PIN, CONNECTOR 4P	
< DIODE >			
D701	8-719-010-23	DIODE UZ-3.6BSB	
< IC >			
IC701	8-759-633-65	IC M54641L	
< MOTOR >			
M701	A-4672-004-A	MOTOR ASSY (TURN)	

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MOTOR (TURN)

PANEL

Ref. No.	Part No.	Description	Remark			
< RESISTOR >						
R706	1-249-411-11	CARBON	330	5%	1/4W	
R707	1-249-401-11	CARBON	47	5%	1/4W	F

*	A-4392-601-A	PANEL BOARD, COMPLETE (EXCEPT SAF)				

*	A-4398-500-A	PANEL BOARD, COMPLETE (SAF)				

*	4-932-810-11	CUSHION (FL)				
*	4-978-168-01	HOLDER, FL TUBE				
< CAPACITOR >						
C501	1-162-282-31	CERAMIC	100PF	10%	50V	
C502	1-162-282-31	CERAMIC	100PF	10%	50V	
C503	1-162-282-31	CERAMIC	100PF	10%	50V	
C504	1-162-282-31	CERAMIC	100PF	10%	50V	
C505	1-162-282-31	CERAMIC	100PF	10%	50V	
C506	1-162-282-31	CERAMIC	100PF	10%	50V	
C507	1-162-282-31	CERAMIC	100PF	10%	50V	
C508	1-162-282-31	CERAMIC	100PF	10%	50V	
C509	1-162-282-31	CERAMIC	100PF	10%	50V	
C510	1-162-282-31	CERAMIC	100PF	10%	50V	
C511	1-162-282-31	CERAMIC	100PF	10%	50V	
C512	1-162-282-31	CERAMIC	100PF	10%	50V	
C513	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C514	1-126-967-11	ELECT	47uF	20%	50V	
C515	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C516	1-124-584-00	ELECT	100uF	20%	10V	
C517	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C522	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C523	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C524	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C525	1-126-960-11	ELECT	1uF	20%	50V	
C526	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C527	1-126-960-11	ELECT	1uF	20%	50V	
< CONNECTOR >						
* CN501	1-568-858-11	SOCKET, CONNECTOR 15P				
< DIODE >						
D548	8-719-033-06	DIODE	SEL5920A (CLIP A)			
D549	8-719-033-06	DIODE	SEL5920A (CLIP B)			
D550	8-719-811-44	DIODE	TLO124 (ENTER/NEXT)			
D560	8-719-011-54	DIODE	UZ-4.3BS-TA (SAF)			
D560	8-719-012-82	DIODE	UZ-4.3BS-TP (EXCEPT SAF)			
D578	8-719-058-03	DIODE	SEL5423E-TP15 (TUNER/BAND)			
D580	8-719-812-44	DIODE	TLO124 (EFFECT ON/OFF)			
D581	8-719-033-06	DIODE	SEL5920A (GROOVE)			
D582	8-719-033-06	DIODE	SEL5920A (CLIP C)			
D605	8-719-033-06	DIODE	SEL5920A (CD)			
D615	8-719-033-06	DIODE	SEL5920A (TUNER)			
D625	8-719-033-06	DIODE	SEL5920A (TIMER)			

Ref. No.	Part No.	Description	Remark			
< FLUORESCENT INDICATOR >						
FL501	1-517-660-11	INDICATOR TUBE, FLUORESCENT				
< IC >						
IC501	8-759-438-11	IC ASD042FGF-022-3B9				
IC502	8-759-332-18	IC GP1U27XB				
< TRANSISTOR >						
Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q502	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q503	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q504	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q507	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q508	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q509	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q510	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q520	8-729-422-57	TRANSISTOR UN4111				
Q521	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q522	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q530	8-729-422-57	TRANSISTOR UN4111				
Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q602	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q603	8-729-119-76	TRANSISTOR 2SA1175-HFE				
< RESISTOR >						
R500	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R509	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R510	1-249-401-11	CARBON	47	5%	1/4W	F
R511	1-249-403-11	CARBON	68	5%	1/4W	F
R512	1-247-807-31	CARBON	100	5%	1/4W	
R513	1-249-407-11	CARBON	150	5%	1/4W	F
R514	1-249-407-11	CARBON	150	5%	1/4W	F
R515	1-249-397-11	CARBON	22	5%	1/4W	F
R516	1-249-417-11	CARBON	1K	5%	1/4W	F
R517	1-249-415-11	CARBON	680	5%	1/4W	F
R518	1-249-417-11	CARBON	1K	5%	1/4W	F
R519	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R520	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R521	1-247-843-11	CARBON	3.3K	5%	1/4W	
R522	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R523	1-249-431-11	CARBON	15K	5%	1/4W	
R524	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R525	1-249-401-11	CARBON	47	5%	1/4W	F
R526	1-249-403-11	CARBON	68	5%	1/4W	F
R527	1-247-807-31	CARBON	100	5%	1/4W	
R528	1-249-407-11	CARBON	150	5%	1/4W	F
R529	1-249-407-11	CARBON	150	5%	1/4W	F
R530	1-249-409-11	CARBON	220	5%	1/4W	F
R531	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R532	1-249-401-11	CARBON	47	5%	1/4W	F
R533	1-249-403-11	CARBON	68	5%	1/4W	F
R534	1-247-807-31	CARBON	100	5%	1/4W	
R535	1-249-407-11	CARBON	150	5%	1/4W	F
R536	1-249-407-11	CARBON	150	5%	1/4W	F
R537	1-249-409-11	CARBON	220	5%	1/4W	F
R538	1-249-411-11	CARBON	330	5%	1/4W	
R539	1-249-433-11	CARBON	22K	5%	1/4W	

PANEL	SENSOR	TCB
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Ref. No.	Part No.	Description	Remark
R540	1-249-429-11	CARBON	10K 5% 1/4W
R544	1-249-429-11	CARBON	10K 5% 1/4W
R545	1-249-421-11	CARBON	2.2K 5% 1/4W F
R546	1-249-429-11	CARBON	10K 5% 1/4W
R547	1-249-421-11	CARBON	2.2K 5% 1/4W F
R548	1-249-407-11	CARBON	150 5% 1/4W F
R549	1-249-407-11	CARBON	150 5% 1/4W F
R550	1-249-407-11	CARBON	150 5% 1/4W F
R557	1-247-807-31	CARBON	100 5% 1/4W
R558	1-247-807-31	CARBON	100 5% 1/4W
R559	1-247-807-31	CARBON	100 5% 1/4W
R560	1-247-807-31	CARBON	100 5% 1/4W
R561	1-247-807-31	CARBON	100 5% 1/4W
R562	1-247-807-31	CARBON	100 5% 1/4W
R563	1-249-441-11	CARBON	100K 5% 1/4W
R564	1-249-401-11	CARBON	47 5% 1/4W F
R565	1-249-429-11	CARBON	10K 5% 1/4W
R566	1-249-429-11	CARBON	10K 5% 1/4W
R567	1-249-429-11	CARBON	10K 5% 1/4W
R568	1-249-429-11	CARBON	10K 5% 1/4W
R569	1-249-429-11	CARBON	10K 5% 1/4W
R570	1-249-441-11	CARBON	100K 5% 1/4W
R571	1-249-429-11	CARBON	10K 5% 1/4W
R572	1-249-429-11	CARBON	10K 5% 1/4W
R573	1-249-429-11	CARBON	10K 5% 1/4W
R574	1-249-429-11	CARBON	10K 5% 1/4W
R576	1-249-429-11	CARBON	10K 5% 1/4W
R577	1-247-903-00	CARBON	1M 5% 1/4W
R578	1-249-401-11	CARBON	47 5% 1/4W F
R580	1-249-407-11	CARBON	150 5% 1/4W F
R581	1-247-807-31	CARBON	100 5% 1/4W
R582	1-249-407-11	CARBON	150 5% 1/4W F
R585	1-249-421-11	CARBON	2.2K 5% 1/4W F
R586	1-247-807-31	CARBON	100 5% 1/4W
R587	1-247-807-31	CARBON	100 5% 1/4W
R588	1-247-807-31	CARBON	100 5% 1/4W
R605	1-247-807-31	CARBON	100 5% 1/4W
R615	1-247-807-31	CARBON	100 5% 1/4W
R625	1-247-807-31	CARBON	100 5% 1/4W
R631	1-249-417-11	CARBON	1K 5% 1/4W F
R632	1-249-417-11	CARBON	1K 5% 1/4W F
R633	1-249-417-11	CARBON	1K 5% 1/4W F
< SWITCH >			
S509	1-762-196-21	SWITCH, TACT (TIMER)	
S510	1-762-196-21	SWITCH, TACT (DISPLAY)	
S511	1-762-196-21	SWITCH, TACT (MULTI FUNCTION CONTROL (1))	
S512	1-762-196-21	SWITCH, TACT (MULTI FUNCTION CONTROL (2))	
S513	1-762-196-21	SWITCH, TACT (MULTI FUNCTION CONTROL (3))	
S514	1-762-196-21	SWITCH, TACT (MULTI FUNCTION CONTROL (4))	
S516	1-762-196-21	SWITCH, TACT (ENTER/NEXT)	
S517	1-762-196-21	SWITCH, TACT (DBFB)	
S518	1-762-196-21	SWITCH, TACT (CLIP C)	
S519	1-762-196-21	SWITCH, TACT (CLIP B)	
S520	1-762-196-21	SWITCH, TACT (CLIP A)	
S521	1-762-196-21	SWITCH, TACT (CLIP ERASE)	
S522	1-762-196-21	SWITCH, TACT (CLIP PLAY)	
S523	1-762-196-21	SWITCH, TACT (DOLBY NR)	

Ref. No.	Part No.	Description	Remark
S524	1-762-196-21	SWITCH, TACT (MENU 1)	
S525	1-762-196-21	SWITCH, TACT (MENU 2)	
S526	1-762-196-21	SWITCH, TACT (MENU 3)	
S528	1-762-196-21	SWITCH, TACT (P FILE)	
S529	1-762-196-21	SWITCH, TACT (EFFECT ON/OFF)	
S530	1-762-196-21	SWITCH, TACT (SURROUND)	
S531	1-762-196-21	SWITCH, TACT (EQ EDIT)	
S532	1-762-196-21	SWITCH, TACT (<, ≡◀, -)	
S533	1-762-196-21	SWITCH, TACT (∧)	
S534	1-762-196-21	SWITCH, TACT (>, ▶≡, +)	
S535	1-762-196-21	SWITCH, TACT (v)	
S536	1-762-196-21	SWITCH, TACT (TUNER/BAND)	
S537	1-762-196-21	SWITCH, TACT (FUNCTION)	
S538	1-762-196-21	SWITCH, TACT (GROOVE)	
S550	1-467-869-11	ENCODER, ROTARY (VOLUME)	
< VIBRATOR >			
X501	1-760-489-11	VIBRATOR, CERAMIC (5MHz)	

*	1-658-576-11	SENSOR BOARD	

< IC >			
IC702	8-749-924-18	PH OTO INTERRUPTER RPI-1391	
IC703	8-749-924-30	PH OTO REFLECTOR GP2S28	
< RESISTOR >			
R701	1-249-416-11	CARBON	820 5% 1/4W F
R702	1-249-407-11	CARBON	150 5% 1/4W F

*	A-4303-514-A	TCB BOARD, COMPLETE (AEP,UK)	

*	A-4303-515-A	TCB BOARD, COMPLETE (G)	

*	A-4303-516-A	TCB BOARD, COMPLETE (EE)	

< CAPACITOR >			
C1	1-163-141-00	CERAMIC CHIP	0.001uF 5% 50V
C2	1-126-967-11	ELECT	47uF 20% 16V
C3	1-163-038-91	CERAMIC CHIP	0.1uF 25V
C5	1-163-031-11	CERAMIC CHIP	0.01uF 50V
C6	1-163-038-91	CERAMIC CHIP	0.1uF 25V
C7	1-101-004-00	CERAMIC	0.01uF 50V (EE)
C8	1-163-031-11	CERAMIC CHIP	0.01uF 50V
C9	1-163-031-11	CERAMIC CHIP	0.01uF 50V
C10	1-163-031-11	CERAMIC CHIP	0.01uF 50V
C11	1-216-295-91	CONDUCTOR, CHIP (2012)(G)	
C16	1-163-038-91	CERAMIC CHIP	0.1uF 25V
C19	1-163-249-11	CERAMIC CHIP	82PF 5% 50V
(AEP,UK,EE)			
C21	1-163-141-00	CERAMIC CHIP	0.001uF 5% 50V
C22	1-163-031-11	CERAMIC CHIP	0.01uF 50V
C23	1-163-235-11	CERAMIC CHIP	22PF 5% 50V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C24	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	CF3	1-760-393-11	FILTER, CERAMIC (AEP,UK,G)			
C26	1-126-967-11	ELECT	47uF	20%	16V		< CONNECTOR >				
C28	1-126-967-11	ELECT	47uF	20%	16V						
C29	1-162-306-11	CERAMIC	0.01uF	30%	16V						
C30	1-126-961-11	ELECT	2.2uF	20%	100V						
C31	1-163-031-11	CERAMIC CHIP	0.01uF		50V	* CN1		1-568-834-11	SOCKET, CONNECTOR 15P		
C32	1-163-038-91	CERAMIC CHIP	0.1uF		25V		< DIODE >				
C33	1-163-038-91	CERAMIC CHIP	0.1uF		25V						
C34	1-163-091-00	CERAMIC CHIP	8PF		50V (G)			D21	8-719-976-99	DIODE UDZ-TE-17-5.1B	
C34	1-163-229-11	CERAMIC CHIP	12PF	5%	50V (AEP,UK,EE)			D41	8-719-016-74	DIODE 1SS352-TPH3	
C35	1-163-038-91	CERAMIC CHIP	0.1uF		25V	< FRONT-END >					
C36	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V	FE1	1-233-542-11	FRONT END (4 GANG)(AEP,UK,G)			
C37	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V	FE1	1-693-335-11	FRONT END (3 GANG)(EE)			
C39	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V	FE2	1-233-514-11	ENCAPSULATED COMPONENT (AEP,UK,EE)			
C40	1-163-031-11	CERAMIC CHIP	0.01uF		50V	FE2	1-239-260-11	ENCAPSULATED COMPONENT (G)			
C41	1-163-031-11	CERAMIC CHIP	0.01uF		50V	< IC >					
C42	1-163-038-91	CERAMIC CHIP	0.1uF		25V	IC21	8-759-288-54	IC LC72130			
C43	1-163-038-91	CERAMIC CHIP	0.1uF		25V	IC41	8-759-176-03	IC LA1835			
C44	1-163-031-11	CERAMIC CHIP	0.01uF		50V	< IFT >					
C45	1-163-038-91	CERAMIC CHIP	0.1uF		25V	IFT41	1-409-636-11	TRANSFORMER, IF (CERAMIC FILTER)			
C46	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V	< JUMPER RESISTOR >					
C47	1-126-967-11	ELECT	47uF	20%	16V	JR1	1-216-295-11	METAL CHIP	0	5%	1/10W (G)
C48	1-163-031-11	CERAMIC CHIP	0.01uF		50V	JR2	1-216-295-11	METAL CHIP	0	5%	1/10W (AEP,UK,EE)
C49	1-126-959-11	ELECT	0.47uF	20%	50V	JR3	1-216-295-11	METAL CHIP	0	5%	1/10W (G)
C50	1-126-960-11	ELECT	1.0uF	20%	50V	JR6	1-216-295-11	METAL CHIP	0	5%	1/10W (AEP,UK,G)
C51	1-126-960-11	ELECT	1.0uF	20%	50V	JR7	1-216-295-11	METAL CHIP	0	5%	1/10W (G)
C52	1-126-963-11	ELECT	4.7uF	20%	50V (AEP, UK, G)	JR8	1-216-295-11	METAL CHIP	0	5%	1/10W (AEP,UK,EE)
C52	1-126-964-11	ELECT	10uF	20%	50V (EE)	JR9	1-216-295-11	METAL CHIP	0	5%	1/10W (AEP,UK,EE)
C53	1-126-964-11	ELECT	10uF	20%	50V	JR45	1-216-295-11	METAL CHIP	0	5%	1/10W
C54	1-104-396-11	ELECT	10uF	20%	16V	JR46	1-216-296-11	METAL CHIP	0	5%	1/8W
C55	1-104-396-11	ELECT	10uF	20%	16V	JR47	1-216-295-11	METAL CHIP	0	5%	1/10W
C56	1-104-396-11	ELECT	10uF	20%	16V	JR48	1-216-295-11	METAL CHIP	0	5%	1/10W
C57	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V	JR49	1-216-296-11	METAL CHIP	0	5%	1/8W
C58	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V	JR51	1-216-295-11	METAL CHIP	0	5%	1/10W (AEP,UK,EE)
C59	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V (AEP,UK,G)	JR52	1-216-295-11	METAL CHIP	0	5%	1/10W
C59	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V (EE)	JR53	1-216-296-11	METAL CHIP	0	5%	1/8W (AEP,UK,EE)
C60	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V (AEP,UK,G)	JR54	1-216-295-11	METAL CHIP	0	5%	1/10W
C60	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V (EE)	< JUMPER RESISTOR >					
C61	1-126-301-11	ELECT	1uF	20%	50V	JW4	1-249-413-11	CARBON	470	5%	1/4W (AEP,UK,G)
C62	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V	JW5	1-249-413-11	CARBON	470	5%	1/4W (AEP,UK,G)
C63	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V	< COIL >					
C64	1-126-967-11	ELECT	47uF	20%	16V	L2	1-414-142-11	MICRO INDUCTOR 1uH (AEP,UK,G)			
C65	1-163-031-11	CERAMIC CHIP	0.01uF		50V	L3	1-410-521-11	MICRO INDUCTOR 100uH			
C66	1-126-162-11	ELECT	3.3uF	20%	50V						
C67	1-126-933-11	ELECT	100uF	20%	10V						
C68	1-162-306-11	CERAMIC	0.01uF	30%	16V						
C71	1-162-306-11	CERAMIC	0.01uF	30%	16V						
C72	1-126-967-11	ELECT	47uF	20%	16V						
C120	1-163-105-00	CERAMIC CHIP	33PF	5%	50V (AEP,UK,G)						
< FILTER >											
CF1	1-567-389-11	FILTER, CERAMIC									
CF2	1-760-393-11	FILTER, CERAMIC (AEP,UK,G)									
CF3	1-567-389-11	FILTER, CERAMIC (EE)									

Ref. No.	Part No.	Description				Remark
L4	1-410-515-11	INDUCTOR	33uH	(AEP,UK,G)		
L41	1-407-500-00	MICRO INDUCTOR	4.7mH	(AEP,UK,EE)		
L41	1-410-119-11	MICRO INDUCTOR (EL TYPE)	1mH	(G)		
< FILTER >						
LPF41	1-239-845-11	FILTER, LOW PASS				
LPF42	1-239-845-11	FILTER, LOW PASS				
< TRANSISTOR >						
Q1	8-729-201-27	TRANSISTOR	2SC2715Y-TE85L			
Q2	8-729-201-27	TRANSISTOR	2SC2715Y-TE85L			
Q3	8-729-201-27	TRANSISTOR	2SC2715Y-TE85L			
Q4	8-729-201-27	TRANSISTOR	2SC2715Y-TE85L			
Q5	8-729-424-08	TRANSISTOR	UN2111			
Q9	8-729-216-22	TRANSISTOR	2SA812-M5M6	(AEP,UK,EE)		
Q11	8-729-421-22	TRANSISTOR	UN2211	(AEP,UK,EE)		
Q12	8-729-421-22	TRANSISTOR	UN2211	(AEP,UK,EE)		
Q13	8-729-421-22	TRANSISTOR	UN2211	(AEP,UK,EE)		
Q14	8-729-421-22	TRANSISTOR	UN2211	(AEP,UK,EE)		
< RESISTOR >						
R1	1-249-401-11	CARBON	47	5%	1/4W F	
R2	1-216-037-00	METAL CHIP	330	5%	1/10W	
R3	1-216-037-00	METAL CHIP	330	5%	1/10W	
R5	1-216-037-00	METAL CHIP	330	5%	1/10W	
R6	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R7	1-216-037-00	METAL CHIP	330	5%	1/10W	
R8	1-216-037-00	METAL CHIP	330	5%	1/10W	
R9	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R10	1-216-037-00	METAL CHIP	330	5%	1/10W	
R11	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R12	1-216-037-00	METAL CHIP	330	5%	1/10W	
R13	1-216-037-00	METAL CHIP	330	5%	1/10W	
R14	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R18	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R19	1-216-073-00	METAL CHIP	10K	5%	(AEP,UK,EE) 1/10W (AEP,UK,EE)	
R21	1-216-049-91	METAL CHIP	1.0K	5%	1/10W	
R22	1-216-049-91	METAL CHIP	1.0K	5%	1/10W	
R23	1-216-049-91	METAL CHIP	1.0K	5%	1/10W	
R24	1-216-025-91	METAL CHIP	100	5%	1/10W	
R25	1-249-417-11	CARBON	1K	5%	1/4W F	
R26	1-249-437-11	CARBON	47K	5%	1/4W	
R27	1-249-429-11	CARBON	10K	5%	1/4W	
R28	1-249-417-11	CARBON	1K	5%	1/4W F	
R29	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R30	1-216-186-00	METAL CHIP	330	5%	1/8W	
R31	1-216-025-91	METAL CHIP	100	5%	1/10W	
R32	1-249-425-11	CARBON	4.7K	5%	1/4W F	
R33	1-249-425-11	CARBON	4.7K	5%	1/4W F	
R34	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R35	1-216-214-00	METAL CHIP	4.7K	5%	1/8W	
R36	1-216-025-91	METAL CHIP	100	5%	1/10W	
R37	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R38	1-216-089-91	METAL CHIP	47K	5%	1/10W	
R39	1-249-429-11	CARBON	10K	5%	1/4W	
R42	1-216-073-00	METAL CHIP	10K	5%	1/10W	

Ref. No.	Part No.	Description			Remark
R43	1-216-042-00	METAL CHIP	510	5%	1/10W
R44	1-216-013-00	METAL CHIP	33	5%	1/10W
R45	1-247-843-11	CARBON	3.3K	5%	1/4W F
R46	1-216-073-00	METAL CHIP	10K	5%	1/10W
R47	1-216-097-91	METAL CHIP	100K	5%	1/10W
R48	1-249-417-11	CARBON	1K	5%	1/4W F
R49	1-216-049-91	METAL CHIP	1.0K	5%	1/10W
R50	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R51	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R53	1-249-429-11	CARBON	10K	5%	1/4W
R55	1-216-162-00	METAL CHIP	33	5%	1/8W
R56	1-249-393-11	CARBON	10	5%	1/4W F
R91	1-216-295-11	METAL CHIP	0	5%	1/10W
					(AEP,UK,EE)
R92	1-216-073-00	METAL CHIP	10K	5%	1/10W
					(AEP,UK,EE)
R99	1-249-399-11	CARBON	33	5%	1/4W
		< VARIABLE RESISTOR >			
RV41	1-238-601-11	RES, ADJ, CARBON 22K			
RV42	1-238-600-11	RES, ADJ, CARBON 10K			
		< TERMINAL >			
TM1	1-537-488-11	TERMINAL BOARD (ANT) (ANTENNA)			
		< VIBRATOR >			
X21	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz)			
X41	1-760-220-11	FILTER, CERAMIC (10.7MHz)			
X42	1-527-981-00	FILTER, CERAMIC (450KHz)			
X43	1-577-075-11	OSCILLATOR, CERAMIC (456KHz)			

*	1-664-649-11	TRANSFORMER BOARD			

	1-533-233-21	HOLDER, FUSE			
		< CONNECTOR >			
CN1601	1-564-321-00	PIN, CONNECTOR 2P			
CN1602	1-691-771-11	PLUG (MICRO CONNECTOR) 9P			
		< FUSE >			
△ F1601	1-532-504-31	FUSE, TIME-LAG (4A/250V)			
		(GR3/RX30:AEP,UK,G,EE)			
△ F1601	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA.5)(5A/125V)			
		(RX30:US,CND)			
△ F1602	1-532-504-31	FUSE, TIME-LAG (4A/250V)			
		(GR3/RX30:AEP,UK,G,EE)			
△ F1602	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA.5)(5A/125V)			
		(RX30:US,CND)			
		< RESISTOR >			
△ R1600	1-202-725-00	SOLID	3.3M	10%	1/2W
					(RX30:US,CND)
△ R1601	1-217-637-00	FUSIBLE	1	5%	1/4W F
△ R1602	1-219-121-11	FUSIBLE	0.22	5%	1/4W F
△ R1603	1-219-121-11	FUSIBLE	0.22	5%	1/4W F

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TRANSFORMER

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< SWITCH >		S811	1-473-335-11	ENCODER, ROTARY (BU, TRAY ADDRESS DET)	
△ S1601	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)(GR3:E,AR)		△ T1001	1-431-127-11	TRANSFORMER, POWER (GR3)	
		< TRANSFORMER >		△ T1001	1-431-128-11	TRANSFORMER, POWER (RX30:US,CND)	
△ T1001	1-431-127-11	TRANSFORMER, POWER (GR3)		△ T1001	1-431-129-11	TRANSFORMER, POWER (RX30:AEP,UK,G,EE)	
△ T1001	1-431-128-11	TRANSFORMER, POWER (RX30:US,CND)		*****			
△ T1001	1-431-129-11	TRANSFORMER, POWER (RX30:AEP,UK,G,EE)		ACCESSORIES & PACKING MATERIALS			
*****				*****			
		MISCELLANEOUS		1-501-374-11	ANTENNA, LOOP (SAF)		
		*****		1-501-659-11	ANTENNA (FM)(SAF)		
				3-859-826-11	MANUAL, INSTRUCTION (ENGLISH,FRENCH,SPANISH)(SAF)		
2	1-233-544-11	ENCAPSULATED COMPONENT (RX30:US,CND)		4-979-371-01	COVER, BATTERY (for RM-SD25)		
2	1-233-545-11	ENCAPSULATED COMPONENT (GR3:EXCEPT SAF)		8-917-538-90	REMOCON RM-SD25//M SET (SAF)		
2	1-233-546-11	ENCAPSULATED COMPONENT (GR3:SAF)		*****			
3	1-769-977-11	WIRE (FLAT TYPE)(13 CORE)(GR3:SAF)				*****	
3	1-782-079-11	WIRE (FLAT TYPE)(13 CORE) (GR3:EXCEPT SAF/RX30:US,CND)				HARDWARE LIST	

3	1-782-081-11	WIRE (FLAT TYPE)(15 CORE)(RX30:AEP,UK,G,EE)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
6	1-773-020-11	WIRE (FLAT TYPE)(15 CORE)(SAF)		#2	7-685-872-09	SCREW +BVTT 3X8 (S)	
6	1-782-082-11	WIRE (FLAT TYPE)(15 CORE)(EXCEPT SAF)		#3	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3	
7	1-776-240-11	WIRE (FLAT TYPE)(19 CORE)		#4	7-685-791-09	SCREW +PTT 2.6X5 (S)	
257	1-452-538-11	MAGNET		#5	7-621-255-15	SCREW +P 2X3	
258	1-776-042-11	WIRE (FLAT TYPE) (8 CORE)		#6	7-685-782-01	SCREW +PTT 2X5 (S)	
△ 301	8-848-367-11	OPTICAL PICK-UP KSS-213B/K-N		#7	7-621-773-86	SCRTEWTOTSU PTTWH 2.6X4	
302	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)		#8	7-685-781-09	SCREW +PTT 2X4 (S)	
451	1-500-322-11	HEAD, WIRE (E)		#9	7-685-104-19	SCREW +P 2X6 TYPE2 NON-SLIT	
453	1-500-319-11	HEAD, HOLDER (DECK B)		#10	7-621-775-10	SCREW +B 2.6X4	
455	1-500-320-11	HEAD, WIRE R/P (DECK B)					
456	1-500-321-11	HEAD, WIRE P.B (DECK A)					
514	1-762-610-11	SWITCH, PLATE					
515	1-762-613-11	SWITCH, WIRE LEAF					
516	1-762-612-11	SWITCH, WIRE LEAF					
△ CNP1601	1-782-315-11	CORD, POWER (E,MX)					
△ CNP1601	1-690-608-11	CORD, POWER (AUS)					
△ CNP1601	1-690-609-21	CORD, POWER (CND)					
△ CNP1601	1-777-070-11	CORD, POWER (US)					
△ CNP1601	1-777-071-11	CORD, POWER (AEP,G,EE,AR)					
△ CNP1601	1-575-651-11	CORD, POWER (SAF)					
△ CNP1601	1-777-512-11	CORD, POWER (UK)					
FL501	1-517-660-11	INDICATOR TUBE, FLUORESCENT					
HE901	1-500-318-11	HEAD, E (ERASE)(DECK B)					
HP901	1-543-424-21	HEAD (PLAYBACK)(DECK A)					
HRP901	1-543-424-21	HEAD (RECORD/PLAYBACK)(DECK B)					
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)					
M102	X-4917-504-1	MOTOR ASSY (SLED)					
M701	A-4672-004-A	MOTOR ASSY (TURN)					
M801	A-4672-004-A	MOTOR ASSY (SLIDE)					
M901	X-3372-231-1	MOTOR ASSY (REEL/CAPSTAN)					
S1	1-571-556-11	SWITCH, LEAF (MOTOR)(DECK A)					
S2	1-571-745-11	SWITCH, LEAF (PLAY)(DECK A)					
S3	1-762-611-11	SWITCH, LEAF (TYPE 2)(DECK A)					
S4	1-571-556-11	SWITCH, LEAF (MOTOR)(DECK B)					
S5	1-571-745-11	SWITCH, LEAF (PLAY)(DECK B)					
S6	1-762-611-11	SWITCH, LEAF (TYPE 2)(DECK B)					
S7	1-571-556-11	SWITCH, LEAF (REC)(DECK B)					

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